

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-001	BCS-22	10/19/73	100			2.70	0.0	600.0		140.10	100.80			947.0			Blacklick Scarlift	
BCMS-001	BCS-22	11/19/73	157			2.50	0.0	900.0		20.60	6.70			975.0			Blacklick Scarlift	
BCMS-001	BCS-22	12/19/73	320			2.60	0.0	1140.0		64.00	0.00			1025.0			Blacklick Scarlift	
BCMS-001	BCS-22	1/23/74	475			2.60	0.0	600.0		161.00	80.60			575.0			Blacklick Scarlift	
BCMS-001	BCS-22	2/11/74	281			2.80	0.0	2500.0		330.50	151.20			675.0			Blacklick Scarlift	
BCMS-001	BCS-22	3/7/74	281			2.80	0.0	700.0		109.20	95.20			725.0			Blacklick Scarlift	
BCMS-001	BCS-22	4/4/74	281			2.70	0.0	400.0		193.60	157.90			825.0			Blacklick Scarlift	
BCMS-001	BCS-22	5/2/74	233			2.80	0.0	620.0		176.00	71.70			950.0			Blacklick Scarlift	
BCMS-001	BCS-22	6/12/74	245			3.00	0.0	700.0		164.00	96.30			800.0			Blacklick Scarlift	
BCMS-001	BCS-22	6/19/74	177			2.60	0.0	400.0		118.40	84.00			850.0			Blacklick Scarlift	
BCMS-001	BCS-22	7/26/74	118			2.50	0.0	700.0		245.00	154.60			1225.0			Blacklick Scarlift	
BCMS-001	BCS-22	8/22/74	68			2.50	0.0	1000.0		349.00	308.00			1450.0			Blacklick Scarlift	
BCMS-001	BCS-22	9/5/74	77			2.90	0.0	900.0		264.00	233.40			1325.0			Blacklick Scarlift	
BCMS-001	MB-25	6/27/03	421	1541		2.79	0.0	325.5		49.70		2.29	25.21	608.6	-2	1280	BCWA Assessment-IUP	
BCMS-001	MB-25	7/30/03	195	1554		2.83	0.0	304.1		39.81		2.45	26.98	584.0	26	1238	BCWA Assessment-IUP	
BCMS-001	MB-25	8/19/03	290	1549		2.73	0.0	387.9		45.13		2.78	36.53	574.5	-2	1272	BCWA Assessment-IUP	
BCMS-001	MB-25	9/27/03	251	1444		2.88	0.0	295.9		49.57		2.50	25.82	610.8	6	1132	BCWA Assessment-IUP	
BCMS-001	MB-25	10/25/03	183	1530		2.78	0.0	382.4		65.92		2.91	32.05	572.9	-2	1156	BCWA Assessment-IUP	
BCMS-001	MB-25	12/6/03	251	1454		3.14	0.0	338.0		60.73		2.61	27.36	488.3	-2	1004	BCWA Assessment-IUP	
BCMS-001	MB-25	12/31/03	1078	1436		2.91	0.0	333.3		64.21		2.39	28.16	661.4	24	888	BCWA Assessment-IUP	
BCMS-001	MB-25	2/28/04	1392	1428		2.80	0.0	357.2		53.77		2.33	30.57	592.6	24	906	BCWA Assessment-IUP	
BCMS-001	MB-25	3/26/04	2249	1379		2.80	0.0	310.5		53.47		2.15	26.19	526.7	4	810	BCWA Assessment-IUP	
BCMS-001	MB-25	4/16/04	1236	1397		2.83	0.0	309.3		49.64		2.39	26.23	598.6	22	1078	BCWA Assessment-IUP	
BCMS-002	BCS-22B	10/20/73	53			2.60	0.0	1000.0		541.60	84.00			1174.0			Blacklick Scarlift	
BCMS-002	BCS-22B	11/19/73	180			2.60	0.0	1000.0		157.10	149.00			1075.0			Blacklick Scarlift	
BCMS-002	BCS-22B	12/19/73	347			2.70	0.0	1060.0		73.30	1.10			975.0			Blacklick Scarlift	
BCMS-002	BCS-22B	1/23/74	586			2.60	0.0	500.0		184.20	114.20			130.0			Blacklick Scarlift	
BCMS-002	BCS-22B	2/11/74	306			2.80	0.0	500.0		304.40	152.30			750.0			Blacklick Scarlift	
BCMS-002	BCS-22B	3/7/74	533			2.80	0.0	700.0		140.80	121.00			825.0			Blacklick Scarlift	
BCMS-002	BCS-22B	4/4/74	306			2.70	0.0	500.0		189.40	147.80			325.0			Blacklick Scarlift	
BCMS-002	BCS-22B	5/2/74	267			2.70	0.0	620.0		188.00	147.80			700.0			Blacklick Scarlift	
BCMS-002	BCS-22B	6/12/74	267			2.90	0.0	700.0		203.00	144.50			1050.0			Blacklick Scarlift	
BCMS-002	BCS-22B	6/26/74	150			2.40	0.0	740.0		90.90	0.00			800.0			Blacklick Scarlift	
BCMS-002	BCS-22B	7/18/74	165			2.50	0.0	800.0		176.70	14.60			1225.0			Blacklick Scarlift	
BCMS-002	BCS-22B	7/26/74	109			2.50	0.0	600.0		248.00	224.00			1250.0			Blacklick Scarlift	
BCMS-002	BCS-22B	8/1/74	97			2.60	0.0	820.0		277.00	249.80			1225.0			Blacklick Scarlift	
BCMS-002	BCS-22B	8/13/74	165			2.80	0.0	1000.0		137.10	112.00			975.0			Blacklick Scarlift	
BCMS-002	BCS-22B	8/21/74	97			2.40	0.0	1000.0		241.00	0.00			1375.0			Blacklick Scarlift	
BCMS-002	BCS-22B	8/22/74	85			2.50	0.0	800.0		246.00	226.20			1600.0			Blacklick Scarlift	
BCMS-002	BCS-22B	9/5/74	94			2.40	0.0	900.0		273.00	257.60			1400.0			Blacklick Scarlift	
BCMS-002	BCS-22B	9/11/74	98			2.70	0.0	1200.0		203.20	179.20			1425.0			Blacklick Scarlift	
BCMS-003	BCS-24A	10/19/73	14			2.90	0.0	38.0		32.00	0.00			698.0			Blacklick Scarlift	
BCMS-003	BCS-24A	11/20/73	11			2.80	0.0	300.0		32.40	0.00			776.0			Blacklick Scarlift	
BCMS-003	BCS-24A	12/19/73	23			2.90	0.0	380.0		27.00	0.00			725.0			Blacklick Scarlift	
BCMS-003	BCS-24A	1/23/74	47			2.80	0.0	300.0		20.60	0.00			425.0			Blacklick Scarlift	
BCMS-003	BCS-24A	2/12/74	31			3.00	0.0	224.0		17.00	0.00			400.0			Blacklick Scarlift	
BCMS-003	BCS-24A	3/7/74	39			2.90	0.0	214.0		10.00	0.00			225.0			Blacklick Scarlift	
BCMS-003	BCS-24A	4/4/74	23			2.90	0.0	300.0		16.60	0.00			350.0			Blacklick Scarlift	
BCMS-003	BCS-24A	5/2/74	20			3.00	0.0	190.0		10.00	0.00			350.0			Blacklick Scarlift	

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					pH	S.U.			Acidity (mg/l)									
BCMS-003	BCS-24A	6/12/74	17			3.10	0.0	228.0		10.20	0.00			425.0			Blacklick Scarlift	
BCMS-004	BCS-26B	10/19/73	4			2.40	0.0	740.0		50.80	0.00			476.0			Blacklick Scarlift	
BCMS-004	BCS-26B	11/20/73	4			2.70	0.0	640.0		47.70	0.00			824.0			Blacklick Scarlift	
BCMS-004	BCS-26B	12/19/73	4			2.80	0.0	620.0		29.30	0.00			525.0			Blacklick Scarlift	
BCMS-004	BCS-26B	1/23/74	9			2.70	0.0	300.0		21.20	0.00			400.0			Blacklick Scarlift	
BCMS-004	BCS-26B	2/12/74	9			2.70	0.0	500.0		18.90	0.00			325.0			Blacklick Scarlift	
BCMS-004	BCS-26B	3/7/74	9			2.20	0.0	398.0		14.40	0.00			325.0			Blacklick Scarlift	
BCMS-004	BCS-26B	4/5/74	9			2.70	0.0	300.0		23.10	0.00			350.0			Blacklick Scarlift	
BCMS-004	BCS-26B	5/3/74	5			2.80	0.0	340.0		20.60	0.00			325.0			Blacklick Scarlift	
BCMS-004	BCS-26B	6/12/74	9			2.80	0.0	378.0		19.30	0.00			400.0			Blacklick Scarlift	
BCMS-004	BCS-26B	7/26/74	3			2.60	0.0	632.0		30.40	0.00			725.0			Blacklick Scarlift	
BCMS-004	BCS-26B	8/12/74	2			2.80	0.0	1000.0		35.20	0.00			725.0			Blacklick Scarlift	
BCMS-004	BCS-26B	9/4/74	19			2.60	0.0	500.0		37.50	0.00			725.0			Blacklick Scarlift	
BCMS-005	BCS-32B	11/26/73	2			3.00	0.0	540.0		53.20	0.00			575.0			Blacklick Scarlift	
BCMS-005	BCS-32B	12/20/73	2			2.80	0.0	200.0		30.60	0.00			550.0			Blacklick Scarlift	
BCMS-005	BCS-32B	1/24/74	2			3.00	0.0	200.0		28.40	1.10			700.0			Blacklick Scarlift	
BCMS-005	BCS-32B	2/12/74	1			3.30	0.0	184.0		12.90	6.70			300.0			Blacklick Scarlift	
BCMS-005	BCS-32B	3/8/74	4			2.80	0.0	368.0		1.40	0.00			550.0			Blacklick Scarlift	
BCMS-005	BCS-32B	4/4/74	0														Blacklick Scarlift	
BCMS-005	BCS-32B	5/2/74	0														Blacklick Scarlift	
BCMS-005	BCS-32B	6/13/74	0														Blacklick Scarlift	
BCMS-006	BCS-32C	1/24/74	220			2.90	0.0	300.0		147.00	63.80			575.0			Blacklick Scarlift	
BCMS-006	BCS-32C	2/12/74	193			3.30	0.0	164.0		89.60	53.80			575.0			Blacklick Scarlift	
BCMS-006	BCS-32C	3/8/74	167			3.30	0.0	164.0		62.20	58.20			675.0			Blacklick Scarlift	
BCMS-006	BCS-32C	4/4/74	220			3.10	0.0	128.0		74.20	62.70			600.0			Blacklick Scarlift	
BCMS-006	BCS-32C	5/2/74	220			3.10	0.0	30.0		58.20	57.10			200.0			Blacklick Scarlift	
BCMS-006	BCS-32C	6/13/74	142			3.30	0.0	180.0		64.80	21.30			700.0			Blacklick Scarlift	
BCMS-006	BCS-32C	7/22/74	130			2.90	0.0	100.0		71.80	71.70			850.0			Blacklick Scarlift	
BCMS-006	BCS-32C	8/14/74	97			2.80	0.0	500.0		86.20	72.80			575.0			Blacklick Scarlift	
BCMS-006	BCS-32C	9/6/74	130			3.60	0.0	182.0		90.70	86.20			1100.0			Blacklick Scarlift	
BCMS-006	50-1	5/9/00	143	1168	6.80	6.19	46.2	37.9		31.25		2.13	0.76	621.2	17		Stream Restoration Inc. Laurel Run Assess.	
BCMS-006	50-1	5/31/00	109	1155	6.40	6.11	37.5	49.0		31.00		2.34	0.54	787.2	12		Stream Restoration Inc. Laurel Run Assess.	
BCMS-006	50-1	6/27/00		1215	6.20	6.38	52.5	44.1		33.65		2.12	0.60	1025.1	5		Stream Restoration Inc. Laurel Run Assess.	
BCMS-006	50-1	7/21/00	80	1155	6.00	5.70	20.0	32.8		21.20		32.80	0.44	773.6	8		Stream Restoration Inc. Laurel Run Assess.	
BCMS-006	50-1	7/12/01		1180	6.00	6.10		52.4		43.00		2.54	0.00	540.6	12		Stream Restoration Inc. Laurel Run Assess.	
BCMS-006	50-1	10/15/01	86	1128	5.80	6.13	59.4	34.2		25.40		2.04	0.30	759.7	8		Stream Restoration Inc. Laurel Run Assess.	
BCMS-006	301258	6/1/02	275	1210		6.02	51.6	22.0		46.10		2.41	0.80	695.0	23		ICCD - Multi County	
BCMS-006	MB-21	6/27/03	217	1134		3.64	0.0	39.6		27.89		2.32	-0.10	573.9	36	918	BCWA Assessment-IUP	
BCMS-006	MB-21	7/30/03	316	1139		3.59	0.0	46.3		25.88		2.27	-0.10	587.9	14	880	BCWA Assessment-IUP	
BCMS-006	MB-21	8/19/03	220	1114		5.47	5.3	43.2		26.02		2.23	0.52	556.5	34	844	BCWA Assessment-IUP	
BCMS-006	MB-21	9/27/03	168	1158		5.85	9.8	47.1		22.86		2.20	0.28	582.9	40	930	BCWA Assessment-IUP	
BCMS-006	MB-21	10/25/03	249	1115		5.55	9.2	50.0		26.52		2.07	0.85	600.2	12	868	BCWA Assessment-IUP	
BCMS-006	MB-21	12/5/03	168	1161		6.16	7.3	72.8		29.75		2.05	0.95	575.5	24	820	BCWA Assessment-IUP	

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			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-006	MB-21	12/31/03	397	1110		5.42	4.9	64.0		31.45		1.84	1.40	479.3	52	758	BCWA Assessment-IUP	
BCMS-006	MB-21	2/28/04	501	956		5.98	12.9	52.0		24.50		1.74	0.51	477.3	42	712	BCWA Assessment-IUP	
BCMS-006	MB-21	3/26/04	873	1103		4.12	0.0	66.9		30.31		1.82	1.69	472.1	30	742	BCWA Assessment-IUP	
BCMS-006	MB-21	4/16/04	851	890		3.29	0.0	46.3		19.08		1.73	0.32	343.4	28	604	BCWA Assessment-IUP	
BCMS-006	MB-21	5/13/04	533	1393		3.20	0.0	96.5		37.60		2.70	1.06	607.4	46	1100	BCWA Assessment-IUP	
BCMS-007	BCS-46A	10/25/73	45			2.40	0.0	4100.0		2066.00	0.00		287.20	7598.0			Blacklick Scarlift	
BCMS-007	BCS-46A	11/27/73	23			2.50	0.0	3600.0		792.00	0.00			3700.0			Blacklick Scarlift	
BCMS-007	BCS-46A	12/26/73	81			2.80	0.0	1100.0		625.60	0.00			1475.0			Blacklick Scarlift	
BCMS-007	BCS-46A	1/25/74	23			2.30	0.0	4500.0		2500.40	13.40			5250.0			Blacklick Scarlift	
BCMS-007	BCS-46A	2/13/74	19			2.60	0.0	2680.0		896.30	24.60		134.00	1750.0			Blacklick Scarlift	
BCMS-007	BCS-46A	3/11/74	123			2.50	0.0	3100.0		1217.60	68.30			3500.0			Blacklick Scarlift	
BCMS-007	BCS-46A	4/8/74	32			2.50	0.0	4000.0		890.00	25.80			3750.0			Blacklick Scarlift	
BCMS-007	BCS-46A	5/3/74	27			2.60	0.0	2000.0		404.00	0.00			1450.0			Blacklick Scarlift	
BCMS-007	BCS-46A	6/13/74	13			2.50	0.0	7600.0		1890.00	0.00			5250.0			Blacklick Scarlift	
BCMS-007	BCS-46A	7/24/74	7			2.30	0.0	7000.0		1520.00	24.60			2000.0			Blacklick Scarlift	
BCMS-007	BCS-46A	8/15/74	7			2.40	0.0	7500.0		190.40	13.40			5250.0			Blacklick Scarlift	
BCMS-007	BCS-46A	9/4/74	74			2.30	0.0	7000.0		788.00	70.60			4450.0			Blacklick Scarlift	
BCMS-008	BCS-46B	10/25/73	0														Blacklick Scarlift	
BCMS-008	BCS-46B	11/27/73	1			5.70	10.0	10.0		0.00	0.00			35.0			Blacklick Scarlift	
BCMS-008	BCS-46B	12/26/73	12			4.80	4.0	4.0		0.30	0.00			15.0			Blacklick Scarlift	
BCMS-008	BCS-46B	1/25/74	9			5.50	12.0	2.0		0.10	0.00			17.0			Blacklick Scarlift	
BCMS-008	BCS-46B	2/13/74	2			6.40	58.0	2.0		0.10	0.00			14.0			Blacklick Scarlift	
BCMS-008	BCS-46B	3/11/74	35			5.50	8.0	6.0		0.10	0.00			40.0			Blacklick Scarlift	
BCMS-008	BCS-46B	4/8/74	5			4.80	4.0	4.0		6.80	0.00			20.0			Blacklick Scarlift	
BCMS-008	BCS-46B	5/3/74	8			6.20	16.0	4.0		0.00	0.00			150.0			Blacklick Scarlift	
BCMS-008	BCS-46B	6/13/74	1			6.40	26.0	10.0		0.20	0.00			175.0			Blacklick Scarlift	
BCMS-009	BCS-46C	10/25/73	2			6.40	50.0	4.0		0.30	0.00			1026.0			Blacklick Scarlift	
BCMS-009	BCS-46C	11/27/73	1			6.20	40.0	10.0		0.10	0.00			32.0			Blacklick Scarlift	
BCMS-009	BCS-46C	12/26/73	40			6.50	30.0	4.0		0.40	0.00			28.0			Blacklick Scarlift	
BCMS-009	BCS-46C	1/25/74	29			6.20	56.0	4.0		0.30	0.00			33.0			Blacklick Scarlift	
BCMS-009	BCS-46C	2/13/74	20			7.00	58.0	0.0		0.10	0.00			33.0			Blacklick Scarlift	
BCMS-009	BCS-46C	3/11/74	77			5.90	32.0	4.0		0.30	0.00			30.0			Blacklick Scarlift	
BCMS-009	BCS-46C	4/8/74	35			5.60	56.0	4.0		6.40	0.00			25.0			Blacklick Scarlift	
BCMS-009	BCS-46C	5/3/74	20			6.90	72.0	4.0		0.10	0.00			175.0			Blacklick Scarlift	
BCMS-009	BCS-46C	6/13/74	12			7.20	112.0	0.0		0.10	0.00			175.0			Blacklick Scarlift	
BCMS-010	BCS-46D	10/25/73	12			6.60	264.0	72.0		6.70	0.00			676.0			Blacklick Scarlift	
BCMS-010	BCS-46D	11/27/73	9			6.80	510.0	138.0		5.80	0.00			825.0			Blacklick Scarlift	
BCMS-010	BCS-46D	12/26/73	14			6.80	294.0	10.0		3.20	0.00			239.0			Blacklick Scarlift	
BCMS-010	BCS-46D	1/25/74	7			7.00	316.0	0.0		1.40	0.00			550.0			Blacklick Scarlift	
BCMS-010	BCS-46D	2/13/74	19			7.00	380.0	0.0		1.50	0.00			400.0			Blacklick Scarlift	
BCMS-010	BCS-46D	3/11/74	9			6.70	324.0	30.0		1.70	0.00			400.0			Blacklick Scarlift	
BCMS-010	BCS-46D	4/8/74	150			6.30	532.0	60.0		14.20	25.00			600.0			Blacklick Scarlift	
BCMS-010	BCS-46D	5/3/74	11			7.40	416.0	0.0		1.00	0.00			550.0			Blacklick Scarlift	
BCMS-010	BCS-46D	6/13/74	5			7.60	516.0	0.0		3.90	0.00			700.0			Blacklick Scarlift	
BCMS-011	BCS-4743	11/6/73				2.90	0.0	1080.0		155.60	75.00			1874.0			Blacklick Scarlift	
BCMS-011	BCS-4743	12/4/73	4			2.90	0.0	620.0		104.20	42.60			450.0			Blacklick Scarlift	
BCMS-011	BCS-4743	1/2/74	5			2.40	0.0	600.0		237.10	125.40			975.0			Blacklick Scarlift	
BCMS-011	BCS-4743	1/31/74	103			2.10	0.0	310.0		1400.40	907.20			2525.0			Blacklick Scarlift	
BCMS-011	BCS-4743	2/18/74	71			2.60	0.0	2600.0		1045.60	336.00			2175.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
BCMS-011	BCS-4743	3/13/74	140			2.70	0.0	900.0		227.10	126.60			450.0			Blacklick Scarlift	
BCMS-011	BCS-4743	4/10/74	92			2.30	0.0	400.0		183.20	13.00			925.0			Blacklick Scarlift	
BCMS-011	BCS-4743	5/8/74	51			3.30	0.0	130.0		13.00	2.20			150.0			Blacklick Scarlift	
BCMS-011	BCS-4743	6/18/74	34			3.00	0.0	66.0		8.20	0.00			90.0			Blacklick Scarlift	
BCMS-011	BCS-4743	7/31/74	0														Blacklick Scarlift	
BCMS-011	BCS-4743	8/19/74	0														Blacklick Scarlift	
BCMS-011	BCS-4743	9/10/74	25			2.80	0.0	400.0		33.50	7.80			120.0			Blacklick Scarlift	
BCMS-012	BCS-4744	11/6/73	250			3.50	0.0	24.0		0.00	0.00			46.0			Blacklick Scarlift	
BCMS-012	BCS-4744	12/4/73	20			3.30	0.0	18.0		0.10	0.00			35.0			Blacklick Scarlift	
BCMS-012	BCS-4744	1/2/74	75			3.70	0.0	8.0		0.10	0.00			40.0			Blacklick Scarlift	
BCMS-012	BCS-4744	1/31/74	50			4.20	0.0	6.0		0.10	0.00			150.0			Blacklick Scarlift	
BCMS-012	BCS-4744	2/18/74	9			4.00	0.0	10.0		0.00	0.00			49.0			Blacklick Scarlift	
BCMS-012	BCS-4744	3/13/74	150			4.30	0.0	8.0		0.00	0.00			40.0			Blacklick Scarlift	
BCMS-012	BCS-4744	4/10/74	60			4.30	0.0	6.0		1.10	0.00			25.0			Blacklick Scarlift	
BCMS-012	BCS-4744	5/8/74	4			4.20	0.0	4.0		0.10	0.00			42.0			Blacklick Scarlift	
BCMS-012	BCS-4744	6/18/74	1			3.60	0.0	4.0		0.30	0.00			260.0			Blacklick Scarlift	
BCMS-012	BCS-4744	7/31/74	0														Blacklick Scarlift	
BCMS-012	BCS-4744	8/19/74	0														Blacklick Scarlift	
BCMS-012	BCS-4744	9/10/74	1			4.00	0.0	12.0		0.70	0.00			225.0			Blacklick Scarlift	
BCMS-013	BCS-4746	10/30/73				2.80	0.0	100.0		286.20	78.40			1374.0			Blacklick Scarlift	
BCMS-013	BCS-4746	12/3/73				2.50	0.0	900.0		332.80	287.80			1175.0			Blacklick Scarlift	
BCMS-013	BCS-4746	12/31/73				2.80	0.0	900.0		396.00	26.90			1325.0			Blacklick Scarlift	
BCMS-013	BCS-4746	1/30/74				2.90	0.0	500.0		796.20	293.50			1225.0			Blacklick Scarlift	
BCMS-013	BCS-4746	2/8/74				2.90	0.0	980.0		500.00	289.00			1400.0			Blacklick Scarlift	
BCMS-013	BCS-4746	3/13/74				2.70	0.0	960.0		447.30	136.00		33.60	1725.0			Blacklick Scarlift	
BCMS-013	BCS-4746	4/10/74				2.80	0.0	980.0		314.00	305.80			1350.0			Blacklick Scarlift	
BCMS-013	BCS-4746	5/10/74				2.70	0.0	1020.0		326.00	278.90			1300.0			Blacklick Scarlift	
BCMS-013	BCS-4746	6/18/74				2.60	0.0	900.0		185.80	168.00			1700.0			Blacklick Scarlift	
BCMS-013	BCS-4746	8/2/74				2.70	0.0	100.0		351.00	246.40			1775.0			Blacklick Scarlift	
BCMS-013	BCS-4746	8/21/74				2.60	0.0	1200.0		321.00	100.80			1800.0			Blacklick Scarlift	
BCMS-013	BCS-4746	9/5/74				2.70	0.0	1000.0		397.00	392.00			1550.0			Blacklick Scarlift	
BCMS-013	MB-4	6/26/03	1010	1479		2.83	0.0	263.1		36.15		1.82	17.97	559.8	-2	908	BCWA Assessment-IUP	
BCMS-013	MB-4	7/30/03	959	1496		2.85	0.0	258.3		66.98		2.18	18.74	531.2	4	1008	BCWA Assessment-IUP	
BCMS-013	MB-4	8/20/03	1267	1520		2.85	0.0	266.8		71.86		2.00	21.68	528.7	10	928	BCWA Assessment-IUP	
BCMS-013	MB-4	9/28/03	1280	876		3.19	0.0	137.9		35.39		1.07	10.94	292.4	60	482	BCWA Assessment-IUP	
BCMS-013	MB-4	10/26/03	1890	1356		3.00	0.0	262.7		65.54		1.91	17.39	471.3	40	882	BCWA Assessment-IUP	
BCMS-013	MB-4	12/7/03	1280	1261		3.28	0.0	251.3		52.74		1.66	19.02	474.5	8	686	BCWA Assessment-IUP	
BCMS-013	MB-4	1/2/04	3854	954		3.11	0.0	180.3		35.49		1.22	12.44	318.8	64	440	BCWA Assessment-IUP	
BCMS-013	MB-4	2/2/04	3854	1416		3.10	0.0	307.9		53.11		1.70	23.16	543.4	6	782	BCWA Assessment-IUP	
BCMS-013	MB-4	2/29/04	1329	1085		3.24	0.0	226.9		33.95		1.44	15.97	386.0	-2	580	BCWA Assessment-IUP	
BCMS-013	MB-4	3/27/04	4059	1182		3.25	0.0	235.3		37.05		1.46	18.94	403.2	10	568	BCWA Assessment-IUP	
BCMS-013	MB-4	4/17/04	3897	1113		2.85	0.0	196.9		43.60		1.47	16.11	373.0	4	686	BCWA Assessment-IUP	
BCMS-013	MB-4	5/14/04	1414	1449		2.88	0.0	264.8		69.47		2.13	20.42	558.7	16	1042	BCWA Assessment-IUP	
BCMS-014	BCS-4748	1/29/73	71			2.70	0.0	438.0		59.10	0.00			525.0			Blacklick Scarlift	
BCMS-014	BCS-4748	10/30/73	10			2.60	0.0	900.0		102.00	10.10			799.0			Blacklick Scarlift	
BCMS-014	BCS-4748	11/30/73	31			2.60	0.0	680.0		71.30	0.00			525.0			Blacklick Scarlift	
BCMS-014	BCS-4748	12/28/73	58			2.50	0.0	400.0		68.40	0.00			475.0			Blacklick Scarlift	
BCMS-014	BCS-4748	2/15/74	58			2.80	0.0	520.0		99.00	0.00			350.0			Blacklick Scarlift	
BCMS-014	BCS-4748	3/13/74	65			2.70	0.0	460.0		49.60	5.60			400.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH	S.U.			Acidity (mg/l)									
BCMS-014	BCS-4748	4/9/74	71			2.70	0.0	440.0		55.80	0.00			475.0			Blacklick Scarlift	
BCMS-014	BCS-4748	5/8/74	46			2.60	0.0	500.0		63.40	0.00			400.0			Blacklick Scarlift	
BCMS-014	BCS-4748	6/18/74	41			2.60	0.0	600.0		68.30	0.00			700.0			Blacklick Scarlift	
BCMS-014	BCS-4748	7/25/74	17			2.20	0.0	1000.0		95.50	26.90			975.0			Blacklick Scarlift	
BCMS-014	BCS-4748	8/15/74	17			2.70	0.0	1000.0		91.80	0.00			850.0			Blacklick Scarlift	
BCMS-014	BCS-4748	9/10/74	17			2.60	0.0	1000.0		81.80	0.00			1000.0			Blacklick Scarlift	
BCMS-015	BCS-4835	11/5/73	22			2.80	0.0	0.0		14.70	0.00			264.0			Blacklick Scarlift	
BCMS-015	BCS-4835	11/29/73	81			2.80	0.0	0.2		12.80	0.00			195.0			Blacklick Scarlift	
BCMS-015	BCS-4835	12/27/73	131			2.60	0.0	0.3		9.40	0.00			250.0			Blacklick Scarlift	
BCMS-015	BCS-4835	1/29/74	28			2.90	0.0	0.1		6.40	0.00			150.0			Blacklick Scarlift	
BCMS-015	BCS-4835	2/14/74	15			2.80	0.0	0.0		7.40	0.00			225.0			Blacklick Scarlift	
BCMS-015	BCS-4835	3/12/74	70			3.10	0.0	0.2		8.10	0.00			150.0			Blacklick Scarlift	
BCMS-015	BCS-4835	4/8/74	44			3.00	0.0	0.1		5.80	0.00			165.0			Blacklick Scarlift	
BCMS-015	BCS-4835	5/6/74	5			2.80	0.0	0.0		6.60	0.00			275.0			Blacklick Scarlift	
BCMS-015	BCS-4835	6/14/74	5			3.20	0.0	0.0		7.00	0.00			275.0			Blacklick Scarlift	
BCMS-016	BCS-4851	11/5/73	5			3.30	0.0	38.0		1.80	0.00			105.0			Blacklick Scarlift	
BCMS-016	BCS-4851	12/4/73	3			3.20	0.0	100.0		0.60	0.00			65.0			Blacklick Scarlift	
BCMS-016	BCS-4851	12/31/73	6			3.30	0.0	20.0		0.40	0.00			65.0			Blacklick Scarlift	
BCMS-016	BCS-4851	1/30/74	6			3.20	0.0	36.0		0.40	0.00			150.0			Blacklick Scarlift	
BCMS-016	BCS-4851	2/18/74	0														Blacklick Scarlift	
BCMS-016	BCS-4851	3/14/74	6			3.70	0.0	14.0		0.10	0.00			200.0			Blacklick Scarlift	
BCMS-016	BCS-4851	4/15/74	7			3.80	0.0	14.0		4.00	0.00			65.0			Blacklick Scarlift	
BCMS-016	BCS-4851	5/8/74	3			3.40	0.0	30.0		0.20	0.00			175.0			Blacklick Scarlift	
BCMS-016	BCS-4851	6/7/74	3			3.50	0.0	30.0		0.50	0.00			125.0			Blacklick Scarlift	
BCMS-017	BCS-4853	11/5/73	2			2.60	0.0	380.0		391.20	10.10			1824.0			Blacklick Scarlift	
BCMS-017	BCS-4853	12/4/73	2			2.40	0.0	3000.0		332.80	5.60			1300.0			Blacklick Scarlift	
BCMS-017	BCS-4853	12/31/73	6			2.40	0.0	1100.0		437.60	0.00			1350.0			Blacklick Scarlift	
BCMS-017	BCS-4853	1/30/74	6			2.60	0.0	1100.0		563.00	0.00			1075.0			Blacklick Scarlift	
BCMS-017	BCS-4853	2/18/74	3			2.70	0.0	1500.0		529.60	0.00			1627.0			Blacklick Scarlift	
BCMS-017	BCS-4853	3/14/74	9			2.50	0.0	1100.0		313.00	0.00			1025.0			Blacklick Scarlift	
BCMS-017	BCS-4853	4/15/74	9			2.60	0.0	1060.0		313.00	0.00			1025.0			Blacklick Scarlift	
BCMS-017	BCS-4853	5/8/74	3			2.50	0.0	1340.0		272.00	3.40			1050.0			Blacklick Scarlift	
BCMS-017	BCS-4853	6/7/74	6			2.60	0.0	1360.0		252.00	0.00			1300.0			Blacklick Scarlift	
BCMS-017	BCS-4853	8/2/74	0														Blacklick Scarlift	
BCMS-017	BCS-4853	8/22/74	0														Blacklick Scarlift	
BCMS-017	BCS-4853	9/10/74	0														Blacklick Scarlift	
BCMS-018	BCS-4854	11/5/73	3			2.50	0.0	400.0		224.80	0.00			1049.0			Blacklick Scarlift	
BCMS-018	BCS-4854	12/4/73	5			2.40	0.0	1100.0		212.20	0.00			1100.0			Blacklick Scarlift	
BCMS-018	BCS-4854	12/31/73	9			2.50	0.0	500.0		107.40	0.00			775.0			Blacklick Scarlift	
BCMS-018	BCS-4854	1/30/74	3			2.60	0.0	700.0		144.40	0.00			650.0			Blacklick Scarlift	
BCMS-018	BCS-4854	2/18/74	4			2.70	0.0	900.0		296.10	0.00			1200.0			Blacklick Scarlift	
BCMS-018	BCS-4854	3/14/74	15			2.50	0.0	1200.0		139.10	0.00			550.0			Blacklick Scarlift	
BCMS-018	BCS-4854	4/15/74	15			2.60	0.0	880.0		190.00	3.40			600.0			Blacklick Scarlift	
BCMS-018	BCS-4854	5/8/74	4			2.50	0.0	980.0		178.00	0.00			775.0			Blacklick Scarlift	
BCMS-018	BCS-4854	6/7/74	6			2.50	0.0	1140.0		181.00	0.00			1150.0			Blacklick Scarlift	
BCMS-018	BCS-4854	8/2/74	0														Blacklick Scarlift	
BCMS-018	BCS-4854	8/22/74	0														Blacklick Scarlift	
BCMS-018	BCS-4854	9/10/74	0			2.40	0.0	1400.0		111.40	2.20			550.0			Blacklick Scarlift	
BCMS-019	BCS-4855	11/5/73				2.60	0.0	100.0		26.40	0.00			426.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field pH S.U.	Lab pH S.U.	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
BCMS-019	BCS-4855	12/4/73				2.50	0.0	400.0		25.60	0.00			270.0			Blacklick Scarlift	
BCMS-019	BCS-4855	12/31/73				2.60	0.0	400.0		18.40	0.00			145.0			Blacklick Scarlift	
BCMS-020	BCS-4857	11/5/73	16			2.60	0.0	180.0		234.60	224.00			1349.0			Blacklick Scarlift	
BCMS-020	BCS-4857	11/30/73	43			2.40	0.0	940.0		126.20	123.20			1050.0			Blacklick Scarlift	
BCMS-020	BCS-4857	12/31/73	105			2.80	0.0	600.0		276.90	110.90			800.0			Blacklick Scarlift	
BCMS-020	BCS-4857	1/30/74	133			2.80	0.0	700.0		179.30	136.60			575.0			Blacklick Scarlift	
BCMS-020	BCS-4857	2/15/74	73			2.80	0.0	580.0		250.00	154.60			700.0			Blacklick Scarlift	
BCMS-020	BCS-4857	3/13/74	143			2.70	0.0	500.0		210.10	142.20		25.20	600.0			Blacklick Scarlift	
BCMS-020	BCS-4857	4/10/74	93			2.70	0.0	580.0		148.50	133.30			800.0			Blacklick Scarlift	
BCMS-020	BCS-4857	5/8/74	52			2.60	0.0	520.0		162.00	144.50			600.0			Blacklick Scarlift	
BCMS-020	BCS-4857	6/18/74	52			2.60	0.0	400.0		126.10	112.00			875.0			Blacklick Scarlift	
BCMS-020	BCS-4857	8/1/74	12			2.70	0.0	650.0		190.00	189.30			925.0			Blacklick Scarlift	
BCMS-020	BCS-4857	8/13/74	5			2.80	0.0	800.0		191.40	181.40			700.0			Blacklick Scarlift	
BCMS-020	BCS-4857	9/11/74	24			2.80	0.0	800.0		1120.40	257.60			950.0			Blacklick Scarlift	
BCMS-021	BCS-4858	11/5/73	209			2.70	0.0	240.0		606.60	504.00			2476.0			Blacklick Scarlift	
BCMS-021	BCS-4858	11/30/73	365			2.40	0.0	2460.0		680.40	241.90			2300.0			Blacklick Scarlift	
BCMS-021	BCS-4858	12/31/73	688							786.00	211.70						Blacklick Scarlift	
BCMS-021	BCS-4858	1/30/74	413			2.70	0.0	1600.0		844.90	501.80			2150.0			Blacklick Scarlift	
BCMS-021	BCS-4858	2/15/74	278			2.70	0.0	1700.0		896.30	336.00			1850.0			Blacklick Scarlift	
BCMS-021	BCS-4858	3/13/74	729			2.60	0.0	2160.0		874.40	488.30			2375.0			Blacklick Scarlift	
BCMS-021	BCS-4858	4/10/74	381			2.60	0.0	1980.0		673.50	507.40			2400.0			Blacklick Scarlift	
BCMS-021	BCS-4858	5/8/74	225			2.40	0.0	1640.0		658.00	116.50			2150.0			Blacklick Scarlift	
BCMS-021	BCS-4858	6/18/74	213			2.50	0.0	1500.0		406.00	0.00			2500.0			Blacklick Scarlift	
BCMS-021	BCS-4858	6/26/74	177			2.30	0.0	20700.0		142.60	0.00			1150.0			Blacklick Scarlift	
BCMS-021	BCS-4858	7/18/74	225			2.40	0.0	1800.0		352.00	238.60			1650.0			Blacklick Scarlift	
BCMS-021	BCS-4858	8/1/74	177			2.60	0.0	2050.0		720.00	380.80			2525.0			Blacklick Scarlift	
BCMS-021	BCS-4858	8/13/74	166			2.50	0.0	2200.0		543.00	539.80			2225.0			Blacklick Scarlift	
BCMS-021	BCS-4858	8/21/74	155			2.50	0.0	3500.0		544.00	122.00			3250.0			Blacklick Scarlift	
BCMS-021	BCS-4858	9/5/74	413			2.70	0.0	2400.0		684.00	272.00			2275.0			Blacklick Scarlift	
BCMS-021	BCS-4858	9/11/74	238			2.70	0.0	1900.0		2860.00	272.00			3000.0			Blacklick Scarlift	
BCMS-022	BCS-4859	10/26/73	1			3.00	0.0	134.0		1.80	0.00			324.0			Blacklick Scarlift	
BCMS-022	BCS-4859	11/29/73	23			2.80	0.0	100.0		1.80	0.00			450.0			Blacklick Scarlift	
BCMS-022	BCS-4859	12/28/73	121			2.30	0.0	500.0		359.50	2.20			775.0			Blacklick Scarlift	
BCMS-022	BCS-4859	1/29/74	37			2.80	0.0	500.0		155.40	21.30			600.0			Blacklick Scarlift	
BCMS-022	BCS-4859	2/15/74	27			2.80	0.0	600.0		247.00	51.50			650.0			Blacklick Scarlift	
BCMS-022	BCS-4859	3/12/74	219			2.70	0.0	560.0		225.00	45.90		14.40	700.0			Blacklick Scarlift	
BCMS-022	BCS-4859	4/9/74	47			2.70	0.0	400.0		128.40	22.40			950.0			Blacklick Scarlift	
BCMS-022	BCS-4859	5/7/74	78			2.60	0.0	540.0		90.30	4.50			550.0			Blacklick Scarlift	
BCMS-022	BCS-4859	6/17/74	11			2.70	0.0	400.0		77.50	3.40			900.0			Blacklick Scarlift	
BCMS-022	BCS-4859	7/25/74	2			2.50	0.0	400.0		17.70	16.80			725.0			Blacklick Scarlift	
BCMS-022	BCS-4859	8/23/74	3			2.30	0.0	300.0		6.20	0.00			625.0			Blacklick Scarlift	
BCMS-022	BCS-4859	9/13/74	5			2.70	0.0	500.0		8.60	0.00			575.0			Blacklick Scarlift	
BCMS-023	BCS-4863	10/30/73	0														Blacklick Scarlift	
BCMS-023	BCS-4863	11/29/73	11			2.40	0.0	800.0		415.10	0.00			1150.0			Blacklick Scarlift	
BCMS-023	BCS-4863	12/27/73	50			2.40	0.0	500.0		74.60	0.00			425.0			Blacklick Scarlift	
BCMS-023	BCS-4863	1/29/74	7			2.80	0.0	400.0		134.40	71.70			575.0			Blacklick Scarlift	
BCMS-023	BCS-4863	2/14/74	3			2.50	0.0	380.0		144.40	75.00			600.0			Blacklick Scarlift	
BCMS-023	BCS-4863	3/12/74	11			2.90	0.0	500.0		91.60	52.60			425.0			Blacklick Scarlift	
BCMS-023	BCS-4863	4/9/74	6			3.10	0.0	300.0		305.00	172.50			1275.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH	S.U.			Acidity (mg/l)									
BCMS-023	BCS-4863	5/7/74	1			2.60	0.0	680.0		169.00	0.00			700.0			Blacklick Scarlift	
BCMS-023	BCS-4863	6/17/74	1			2.60	0.0	700.0		154.30	1.10			1450.0			Blacklick Scarlift	
BCMS-023	BCS-4863	7/29/74	0														Blacklick Scarlift	
BCMS-023	BCS-4863	8/22/74	0														Blacklick Scarlift	
BCMS-023	BCS-4863	9/10/74	1			2.70	0.0	1900.0		322.00	231.80			2200.0			Blacklick Scarlift	
BCMS-024	BCS-4863A	10/30/73	0														Blacklick Scarlift	
BCMS-024	BCS-4863A	11/29/73	5			2.50	0.0	500.0		33.30	1.10			575.0			Blacklick Scarlift	
BCMS-024	BCS-4863A	12/27/73	30			2.40	0.0	300.0		115.70	0.00			1100.0			Blacklick Scarlift	
BCMS-024	BCS-4863A	1/29/74	5			2.70	0.0	700.0		108.70	1.10			450.0			Blacklick Scarlift	
BCMS-024	BCS-4863A	2/14/74	5			2.50	0.0	580.0		113.60	9.00			525.0			Blacklick Scarlift	
BCMS-024	BCS-4863A	3/12/74	25			2.80	0.0	600.0		118.50	9.00			425.0			Blacklick Scarlift	
BCMS-024	BCS-4863A	4/9/74	12			2.80	0.0	400.0		74.40	2.20			425.0			Blacklick Scarlift	
BCMS-024	BCS-4863A	5/7/74	2			2.70	0.0	440.0		72.20	0.00			575.0			Blacklick Scarlift	
BCMS-024	BCS-4863A	6/17/74	4			2.70	0.0	500.0		53.40	2.20			575.0			Blacklick Scarlift	
BCMS-024	BCS-4863A	7/29/74	0			2.60	0.0	450.0		44.60	2.20			700.0			Blacklick Scarlift	
BCMS-024	BCS-4863A	8/22/74	0														Blacklick Scarlift	
BCMS-024	BCS-4863A	9/10/74	3			2.90	0.0	700.0		24.40	15.70			450.0			Blacklick Scarlift	
BCMS-025	BCS-4866	10/30/73	300			2.60	0.0	900.0		147.00	72.80			974.0			Blacklick Scarlift	
BCMS-025	BCS-4866	11/29/73	19			2.50	0.0	920.0		224.50	59.40			1100.0			Blacklick Scarlift	
BCMS-025	BCS-4866	12/28/73	50			2.50	0.0	600.0		115.70	0.00			875.0			Blacklick Scarlift	
BCMS-025	BCS-4866	1/29/74	30			2.80	0.0	600.0		166.70	76.20			850.0			Blacklick Scarlift	
BCMS-025	BCS-4866	2/14/74	25			2.60	0.0	780.0		242.90	103.00			1050.0			Blacklick Scarlift	
BCMS-025	BCS-4866	3/12/74	60			2.80	0.0	400.0		63.00	39.20			650.0			Blacklick Scarlift	
BCMS-025	BCS-4866	4/9/74	30			2.80	0.0	680.0		133.70	72.80			925.0			Blacklick Scarlift	
BCMS-025	BCS-4866	5/7/74	15			2.70	0.0	840.0		187.00	101.90			1100.0			Blacklick Scarlift	
BCMS-025	BCS-4866	6/17/74	19			2.70	0.0	600.0		107.70	33.60			1150.0			Blacklick Scarlift	
BCMS-025	BCS-4866	7/29/74	14			2.50	0.0	950.0		167.00	35.80			1450.0			Blacklick Scarlift	
BCMS-025	BCS-4866	8/22/74	15			2.60	0.0	700.0		161.00	108.60			2600.0			Blacklick Scarlift	
BCMS-025	BCS-4866	9/10/74	30			2.80	0.0	1300.0		88.50	56.00			1100.0			Blacklick Scarlift	
BCMS-027	BCS-4868	10/30/73	9			2.50	0.0	2500.0		350.20	0.00			2524.0			Blacklick Scarlift	
BCMS-027	BCS-4868	11/29/73	21			2.60	0.0	4000.0		936.10	0.00			2875.0			Blacklick Scarlift	
BCMS-027	BCS-4868	12/27/73	369			2.30	0.0	3000.0		1165.30	0.00			3025.0			Blacklick Scarlift	
BCMS-027	BCS-4868	1/29/74	90			2.60	0.0	2500.0		18932.20	35.80			2425.0			Blacklick Scarlift	
BCMS-027	BCS-4868	2/14/74	37			2.30	0.0	2600.0		760.00	2.20			1950.0			Blacklick Scarlift	
BCMS-027	BCS-4868	3/12/74	332			2.60	0.0	2100.0		811.00	48.20		113.00	2525.0			Blacklick Scarlift	
BCMS-027	BCS-4868	4/9/74	77			2.50	0.0	2620.0		6000.00	19.00			3000.0			Blacklick Scarlift	
BCMS-027	BCS-4868	5/6/74	28			2.50	0.0	2200.0		704.00	0.00			2625.0			Blacklick Scarlift	
BCMS-027	BCS-4868	6/14/74	37			2.80	0.0	3200.0		740.00	129.90			3500.0			Blacklick Scarlift	
BCMS-027	BCS-4868	7/29/74	12			2.30	0.0	3700.0		835.00	5.60			2600.0			Blacklick Scarlift	
BCMS-027	BCS-4868	8/15/74	9			2.60	0.0	4400.0		656.50	53.80			2750.0			Blacklick Scarlift	
BCMS-027	BCS-4868	9/5/74	9			2.40	0.0	4200.0		594.00	33.60			3900.0			Blacklick Scarlift	
BCMS-028	BCS-4869	10/30/73	141			2.80	0.0	400.0		45.70	33.60			524.0			Blacklick Scarlift	
BCMS-028	BCS-4869	11/29/73	182			2.80	0.0	660.0		73.10	0.00			450.0			Blacklick Scarlift	
BCMS-028	BCS-4869	12/27/73	329			2.90	0.0	200.0		31.10	0.00			350.0			Blacklick Scarlift	
BCMS-028	BCS-4869	1/29/74	115			2.70	0.0	1100.0		190.30	75.00			550.0			Blacklick Scarlift	
BCMS-028	BCS-4869	2/14/74	71			2.50	0.0	580.0		250.00	136.60			425.0			Blacklick Scarlift	
BCMS-028	BCS-4869	3/12/74	168			2.90	0.0	1400.0		99.00	66.10			225.0			Blacklick Scarlift	
BCMS-028	BCS-4869	4/9/74	115			2.70	0.0	440.0		178.20	141.10			500.0			Blacklick Scarlift	
BCMS-028	BCS-4869	5/6/74	71			2.60	0.0	1000.0		279.00	0.00			825.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.			Acidity (mg/l)									
BCMS-028	BCS-4869	6/14/74	34			2.90	0.0	1700.0		235.00	22.40			1650.0			Blacklick Scarlift	
BCMS-028	BCS-4869	7/29/74	20			2.40	0.0	1900.0		450.00	5.60			1200.0			Blacklick Scarlift	
BCMS-028	BCS-4869	8/15/74	27			2.60	0.0	2500.0		547.00	392.00			1650.0			Blacklick Scarlift	
BCMS-028	BCS-4869	9/5/74	42			2.60	0.0	700.0		179.00	168.00			950.0			Blacklick Scarlift	
BCMS-029	BCS-4874	1/29/73	39			2.80	0.0	300.0		71.70	0.00			1100.0			Blacklick Scarlift	
BCMS-029	BCS-4874	10/30/73	7			2.80	0.0	400.0		15.20	5.60			211.0			Blacklick Scarlift	
BCMS-029	BCS-4874	11/30/73	28			2.60	0.0	480.0		70.10	0.00			300.0			Blacklick Scarlift	
BCMS-029	BCS-4874	12/28/73	86			2.50	0.0	300.0		51.10	0.00			300.0			Blacklick Scarlift	
BCMS-029	BCS-4874	2/15/74	20			2.60	0.0	400.0		86.10	0.00			400.0			Blacklick Scarlift	
BCMS-029	BCS-4874	3/13/74	78			2.70	0.0	320.0		39.60	0.00		21.60	225.0			Blacklick Scarlift	
BCMS-029	BCS-4874	4/9/74				2.80	0.0	320.0		49.00	0.00			275.0			Blacklick Scarlift	
BCMS-029	BCS-4874	5/8/74	25			2.70	0.0	360.0		56.90	0.00			400.0			Blacklick Scarlift	
BCMS-029	BCS-4874	6/18/74	14			2.60	0.0	300.0		69.40	2.20			775.0			Blacklick Scarlift	
BCMS-029	BCS-4874	7/25/74	3			2.20	0.0	900.0		71.00	39.20			800.0			Blacklick Scarlift	
BCMS-029	BCS-4874	8/15/74	2			2.70	0.0	1000.0		64.20	0.00			675.0			Blacklick Scarlift	
BCMS-029	BCS-4874	9/10/74	12			2.70	0.0	380.0		31.40	0.00			325.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	1/29/73	63			2.70	0.0	700.0		330.50	175.80			125.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	12/6/73	119			2.70	0.0	900.0		341.20	147.80			2750.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	12/28/73	96			2.70	0.0	500.0		381.10	144.50			725.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	2/15/74	41			2.60	0.0	560.0		356.70	187.00			775.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	3/13/74	76			2.70	0.0	800.0		394.10	217.30			975.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	4/9/74	75			2.70	0.0	640.0		284.50	215.00			925.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	5/8/74	43			2.60	0.0	600.0		229.00	215.00			725.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	6/18/74	38			2.60	0.0	500.0		151.50	140.00			1075.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	7/25/74	31			2.30	0.0	500.0		255.00	246.40			975.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	8/15/74	22			2.70	0.0	1000.0		262.40	239.70			725.0			Blacklick Scarlift	
BCMS-030	BCS-4874A	9/10/74	32			2.60	0.0	1000.0		334.40	252.00			1050.0			Blacklick Scarlift	
BCMS-031	BCS-4875	10/25/73	2			3.70	0.0	34.0		0.10	0.00			199.0			Blacklick Scarlift	
BCMS-031	BCS-4875	11/27/73	21			3.40	0.0	60.0		0.90	0.00			175.0			Blacklick Scarlift	
BCMS-031	BCS-4875	12/26/73	46			3.50	0.0	12.0		1.50	0.00			35.0			Blacklick Scarlift	
BCMS-031	BCS-4875	1/29/74	19			4.30	0.0	8.0		3.40	0.00			1075.0			Blacklick Scarlift	
BCMS-031	BCS-4875	2/14/74	12			4.30	0.0	10.0		1.00	0.00			70.0			Blacklick Scarlift	
BCMS-031	BCS-4875	3/12/74	55			4.00	0.0	10.0		0.20	0.00			100.0			Blacklick Scarlift	
BCMS-031	BCS-4875	4/9/74	19			4.50	0.0	6.0		6.90	1.00			30.0			Blacklick Scarlift	
BCMS-031	BCS-4875	5/7/74	12			4.80	4.0	8.0		0.90	0.00			62.0			Blacklick Scarlift	
BCMS-031	BCS-4875	6/17/74	9			4.10	0.0	2.0		0.70	0.00			150.0			Blacklick Scarlift	
BCMS-032	BCS-4876	10/25/73				5.80	6.0	4.0		0.00	0.00			14.0			Blacklick Scarlift	
BCMS-032	BCS-4876	11/27/73	37			5.40	10.0	4.0		0.10	0.00			30.0			Blacklick Scarlift	
BCMS-032	BCS-4876	12/26/73	46			4.60	2.0	4.0		0.00	0.00			30.0			Blacklick Scarlift	
BCMS-032	BCS-4876	1/25/74	43			5.40	12.0	4.0		0.10	0.00			14.0			Blacklick Scarlift	
BCMS-032	BCS-4876	2/13/74	38			5.90	20.0	2.0		0.00	0.00			13.0			Blacklick Scarlift	
BCMS-032	BCS-4876	3/11/74	150			5.60	16.0	2.0		0.00	0.00			13.0			Blacklick Scarlift	
BCMS-032	BCS-4876	4/8/74	38			5.20	12.0	2.0		0.00	0.00			30.0			Blacklick Scarlift	
BCMS-032	BCS-4876	5/3/74	17			6.20	20.0	4.0		0.10	0.00			175.0			Blacklick Scarlift	
BCMS-032	BCS-4876	6/13/74	0			7.40	18.0	0.0		0.00	0.00			150.0			Blacklick Scarlift	
BCMS-033	BCS-4877	10/26/73	0														Blacklick Scarlift	
BCMS-033	BCS-4877	11/29/73	0														Blacklick Scarlift	
BCMS-033	BCS-4877	12/28/73	6			3.30	0.0	400.0		7.30	0.00			275.0			Blacklick Scarlift	
BCMS-034	BCS-4878	10/30/73	3			2.20	0.0	17600.0		5447.00	50.40			12500.0			Blacklick Scarlift	



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
BCMS-034	BCS-4878	11/29/73	9			2.10	0.0	18000.0		7205.30	3718.40			21000.0			Blacklick Scarlift	
BCMS-034	BCS-4878	12/27/73	36			2.10	0.0	13000.0		7256.20	4760.00			6000.0			Blacklick Scarlift	
BCMS-034	BCS-4878	1/29/74	11			2.40	0.0	8900.0		37481.30	3024.00			7750.0			Blacklick Scarlift	
BCMS-034	BCS-4878	2/14/74	6			2.10	0.0	8600.0		5556.30	2128.00			5650.0			Blacklick Scarlift	
BCMS-034	BCS-4878	3/12/74	27			2.30	0.0	9700.0		5601.50	2352.00			5875.0			Blacklick Scarlift	
BCMS-034	BCS-4878	4/9/74	13			2.40	0.0	8620.0		2650.00	2016.00			5875.0			Blacklick Scarlift	
BCMS-034	BCS-4878	5/7/74	13			2.50	0.0	5280.0		2060.00	952.00			5500.0			Blacklick Scarlift	
BCMS-034	BCS-4878	6/14/74	6			2.80	0.0	10600.0		3440.00	2576.00			12000.0			Blacklick Scarlift	
BCMS-034	BCS-4878	7/29/74	4			2.40	0.0	9850.0		3180.00	3136.00			9200.0			Blacklick Scarlift	
BCMS-036	BCS-4886	10/25/73	0														Blacklick Scarlift	
BCMS-036	BCS-4886	11/28/73	13			6.20	34.0	10.0		0.10	0.00			65.0			Blacklick Scarlift	
BCMS-036	BCS-4886	12/27/73	22			5.50	24.0	4.0		0.30	0.00			45.0			Blacklick Scarlift	
BCMS-036	BCS-4886	1/28/74	7			6.10	16.0	2.0		0.30	0.00			25.0			Blacklick Scarlift	
BCMS-036	BCS-4886	2/14/74	5			6.60	44.0	4.0		0.10	0.00			65.0			Blacklick Scarlift	
BCMS-036	BCS-4886	3/12/74	13			6.30	48.0	0.0		0.00	0.00			25.0			Blacklick Scarlift	
BCMS-036	BCS-4886	4/8/74	5			6.00	72.0	6.0		1.20	0.00			30.0			Blacklick Scarlift	
BCMS-036	BCS-4886	5/7/74	5			6.00	50.0	2.0		0.00	0.00			175.0			Blacklick Scarlift	
BCMS-036	BCS-4886	6/14/74	1			6.90	98.0	6.0		0.20	0.00			350.0			Blacklick Scarlift	
BCMS-037	BCS-4887A	10/25/73	0														Blacklick Scarlift	
BCMS-037	BCS-4887A	11/28/73	1			5.20	6.0	8.0		0.40	0.00			35.0			Blacklick Scarlift	
BCMS-037	BCS-4887A	12/27/73	1			5.10	2.0	6.0		0.00	0.00			35.0			Blacklick Scarlift	
BCMS-037	BCS-4887A	5/7/74	0														Blacklick Scarlift	
BCMS-038	BCS-4889	10/25/73	1			2.70	0.0	700.0		333.90	177.00			652.0			Blacklick Scarlift	
BCMS-038	BCS-4889	11/28/73	24			2.80	0.0	980.0		326.10	0.00			1050.0			Blacklick Scarlift	
BCMS-038	BCS-4889	12/27/73	66			2.80	0.0	900.0		359.50	106.40			725.0			Blacklick Scarlift	
BCMS-038	BCS-4889	1/25/74	56			2.70	0.0	500.0		229.00	125.40			725.0			Blacklick Scarlift	
BCMS-038	BCS-4889	2/13/74	33			2.80	0.0	500.0		209.10	124.30			675.0			Blacklick Scarlift	
BCMS-038	BCS-4889	3/11/74	53			2.60	0.0	400.0		257.30	203.80			825.0			Blacklick Scarlift	
BCMS-038	BCS-4889	4/8/74	41			2.80	0.0	660.0		172.70	136.20			600.0			Blacklick Scarlift	
BCMS-038	BCS-4889	5/6/74	24			2.80	0.0	480.0		146.00	125.40			750.0			Blacklick Scarlift	
BCMS-038	BCS-4889	6/13/74	33			2.00	0.0	700.0		190.00	147.80			700.0			Blacklick Scarlift	
BCMS-038	BCS-4889	7/26/74	14			2.70	0.0	600.0		165.00	141.10			875.0			Blacklick Scarlift	
BCMS-038	BCS-4889	8/15/74	12			2.90	0.0	400.0		196.50	145.60			525.0			Blacklick Scarlift	
BCMS-038	BCS-4889	9/9/74	15			2.80	0.0	1000.0		186.20	175.80			1125.0			Blacklick Scarlift	
BCMS-040	MB-18	6/27/03	140	886		3.41	0.0	105.9		16.83		2.41	9.86	403.1	28	812	BCWA Assessment-IUP	
BCMS-040	MB-18	7/30/03	395	801		3.28	0.0	104.5		16.09		2.54	8.58	336.5	16	632	BCWA Assessment-IUP	
BCMS-040	MB-18	8/20/03	400	1331		2.85	0.0	258.0		35.03		5.90	20.04	551.6	6	1144	BCWA Assessment-IUP	
BCMS-040	MB-18	9/27/03	187	761		3.51	0.0	101.1		16.82		2.52	8.63	331.5	26	610	BCWA Assessment-IUP	
BCMS-040	MB-18	10/25/03	104	756		3.38	0.0	105.7		20.58		2.77	9.69	325.3	22	516	BCWA Assessment-IUP	
BCMS-040	MB-18	12/5/03	249	531		4.54	-1.0	59.6		7.60		1.58	6.78	288.8	22	396	BCWA Assessment-IUP	
BCMS-040	MB-18	12/31/03	950	463		5.86	7.0	20.4		5.93		1.01	5.05	227.9	4	382	BCWA Assessment-IUP	
BCMS-040	MB-18	2/28/04	550	538		6.18	15.9	18.1		6.49		0.67	5.19	251.8	38	358	BCWA Assessment-IUP	
BCMS-040	MB-18	3/26/04	768	740		6.54	26.9	14.9		5.89		0.95	5.11	365.8	26	556	BCWA Assessment-IUP	
BCMS-040	MB-18	4/16/04	768	615		6.93	34.3	3.6		3.34		0.83	1.94	276.5	4	472	BCWA Assessment-IUP	
BCMS-040	MB-18	5/13/04	224	878		4.12	0.0	72.5		14.84		2.53	8.44	448.0	26	860	BCWA Assessment-IUP	
BCMS-041	BCS-4895	10/25/73				7.00	126.0	28.0		0.60	0.00			476.0			Blacklick Scarlift	
BCMS-041	BCS-4895	11/27/73	30			6.60	218.0	28.0		1.50	0.00			575.0			Blacklick Scarlift	
BCMS-041	BCS-4895	12/21/73	50			7.40	192.0	0.0		1.00	0.00			340.0			Blacklick Scarlift	
BCMS-041	BCS-4895	1/25/74	100			6.20	168.0	8.0		1.00	0.00			1275.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
BCMS-041	BCS-4895	2/13/74	75			6.90	198.0	14.0		0.90	0.00			475.0			Blacklick Scarlift	
BCMS-041	BCS-4895	3/11/74	100			6.30	152.0	12.0		1.50	0.00			270.0			Blacklick Scarlift	
BCMS-041	BCS-4895	4/8/74	75			6.20	232.0	18.0		1.20	0.00			300.0			Blacklick Scarlift	
BCMS-041	BCS-4895	5/6/74	50			7.00	204.0	0.0		0.90	0.00			350.0			Blacklick Scarlift	
BCMS-041	BCS-4895	6/12/74	50			7.10	198.0	0.0		0.40	0.00			400.0			Blacklick Scarlift	
BCMS-042	BCS-4897	10/25/73	3			2.20	0.0	7600.0		4033.80	1982.40			12500.0			Blacklick Scarlift	
BCMS-042	BCS-4897	11/16/73	14			2.70	0.0	5900.0		572.70	0.00			4800.0			Blacklick Scarlift	
BCMS-042	BCS-4897	12/21/73	20			2.60	0.0	5100.0		142.50	0.00			5275.0			Blacklick Scarlift	
BCMS-042	BCS-4897	1/25/74	9			2.20	0.0	17320.0		10456.50	1792.00			5950.0			Blacklick Scarlift	
BCMS-042	BCS-4897	2/13/74	6			2.30	0.0	17600.0		4182.50	952.00			6000.0			Blacklick Scarlift	
BCMS-042	BCS-4897	3/11/74	30			2.50	0.0	8000.0		1499.30	1064.00		670.00	5625.0			Blacklick Scarlift	
BCMS-042	BCS-4897	4/8/74	6			2.20	0.0	15600.0		2950.00	1792.00			6000.0			Blacklick Scarlift	
BCMS-042	BCS-4897	5/6/74	3			2.50	0.0	14700.0		3210.00	162.40			6000.0			Blacklick Scarlift	
BCMS-042	BCS-4897	6/20/74	6			2.20	0.0	18600.0		1766.00	1120.00			22000.0			Blacklick Scarlift	
BCMS-042	BCS-4897	6/26/74	6			2.20	0.0	18900.0		559.20	504.00			19000.0			Blacklick Scarlift	
BCMS-042	BCS-4897	7/18/74	5			2.10	0.0	30700.0		2970.00	2800.00			19000.0			Blacklick Scarlift	
BCMS-042	BCS-4897	8/1/74	6			2.20	0.0	35800.0		4480.00	3808.00			31500.0			Blacklick Scarlift	
BCMS-042	BCS-4897	8/13/74	6			2.50	0.0	23500.0		3680.00	2184.00			23500.0			Blacklick Scarlift	
BCMS-042	BCS-4897	8/21/74	3			2.20	0.0	28100.0		3540.00	2396.80			20000.0			Blacklick Scarlift	
BCMS-042	BCS-4897	9/5/74	20			2.40	0.0	11500.0		960.00	582.40			6800.0			Blacklick Scarlift	
BCMS-042	BCS-4897	9/11/74	6			2.50	0.0	30000.0		3212.00	1848.00			16000.0			Blacklick Scarlift	
BCMS-043	BCS-4898	10/25/73	0														Blacklick Scarlift	
BCMS-043	BCS-4898	11/27/73	30			2.20	0.0	11700.0		3572.10	963.20			10500.0			Blacklick Scarlift	
BCMS-043	BCS-4898	12/21/73				2.20	0.0	5500.0		3375.70	341.60			5650.0			Blacklick Scarlift	
BCMS-043	BCS-4898	1/25/74	34			2.20	0.0	5960.0		2222.50	784.00			5600.0			Blacklick Scarlift	
BCMS-043	BCS-4898	2/13/74	10			2.30	0.0	5800.0		2222.50	784.00			5250.0			Blacklick Scarlift	
BCMS-043	BCS-4898	3/11/74	150			2.30	0.0	5400.0		1135.50	504.00			2350.0			Blacklick Scarlift	
BCMS-043	BCS-4898	4/8/74	19			2.20	0.0	6900.0		1530.00	784.00			5125.0			Blacklick Scarlift	
BCMS-043	BCS-4898	5/6/74	5			2.40	0.0	4300.0		1555.00	336.00			5125.0			Blacklick Scarlift	
BCMS-043	BCS-4898	6/12/74	3			2.50	0.0	7700.0		1670.00	448.00			7000.0			Blacklick Scarlift	
BCMS-043	BCS-4898	7/26/74	0														Blacklick Scarlift	
BCMS-043	BCS-4898	8/15/74	0														Blacklick Scarlift	
BCMS-043	BCS-4898	9/9/74	1			2.10	0.0	13200.0		4185.00	1512.00			13600.0			Blacklick Scarlift	
BCMS-044	BCS-4922	10/26/73	33			2.70	0.0	2000.0		24.00	0.00			7000.0			Blacklick Scarlift	
BCMS-044	BCS-4922	11/26/73	344			2.90	0.0	14.0		13.20	0.00			2100.0			Blacklick Scarlift	
BCMS-044	BCS-4922	12/20/73	178			2.70	0.0	1500.0		22.20	0.00			725.0			Blacklick Scarlift	
BCMS-044	BCS-4922	1/24/74	494			2.90	0.0	100.0		15.60	0.00			300.0			Blacklick Scarlift	
BCMS-044	BCS-4922	2/12/74	196			3.00	0.0	152.0		20.60	0.00			225.0			Blacklick Scarlift	
BCMS-044	BCS-4922	3/8/74	235			3.00	0.0	158.0		17.50	0.00			150.0			Blacklick Scarlift	
BCMS-044	BCS-4922	4/4/74	391			3.00	0.0	200.0		14.30	0.00			175.0			Blacklick Scarlift	
BCMS-044	BCS-4922	5/2/74	160			3.00	0.0	200.0		13.40	0.00			30.0			Blacklick Scarlift	
BCMS-044	BCS-4922	6/13/74	143			3.10	0.0	300.0		20.60	0.00			550.0			Blacklick Scarlift	
BCMS-044	BCS-4922	7/22/74	69			2.50	0.0	300.0		21.90	17.90			450.0			Blacklick Scarlift	
BCMS-044	BCS-4922	8/14/74	40			2.90	0.0	500.0		23.20	0.00			350.0			Blacklick Scarlift	
BCMS-044	BCS-4922	9/6/74	57			3.00	0.0	500.0		22.50	0.00			600.0			Blacklick Scarlift	
BCMS-045	BCS-5017	10/19/73	12			2.50	0.0	740.0		40.00	0.00			776.0			Blacklick Scarlift	
BCMS-045	BCS-5017	11/26/73	13			2.50	0.0	740.0		36.60	1.10			825.0			Blacklick Scarlift	
BCMS-045	BCS-5017	12/19/73	12			2.80	0.0	880.0		27.00	0.00			550.0			Blacklick Scarlift	
BCMS-045	BCS-5017	1/23/74	15			2.70	0.0	400.0		16.90	0.00			300.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH	S.U.			Acidity									
BCMS-045	BCS-5017	2/12/74	13			2.80	0.0	820.0		20.60	0.00			275.0			Blacklick Scarlift	
BCMS-045	BCS-5017	3/7/74	13			2.70	0.0	368.0		22.50	0.00			350.0			Blacklick Scarlift	
BCMS-045	BCS-5017	4/4/74	19			2.80	0.0	300.0		19.40	0.00			325.0			Blacklick Scarlift	
BCMS-045	BCS-5017	5/2/74	23			2.80	0.0	380.0		15.00	0.00			500.0			Blacklick Scarlift	
BCMS-045	BCS-5017	6/12/74	19			2.90	0.0	500.0		17.30	0.00			525.0			Blacklick Scarlift	
BCMS-045	BCS-5017	7/26/74	15			2.30	0.0	400.0		18.30	17.90			625.0			Blacklick Scarlift	
BCMS-045	BCS-5017	8/12/74	10			2.80	0.0	900.0		25.10	0.00			700.0			Blacklick Scarlift	
BCMS-045	BCS-5017	9/4/74	25			2.60	0.0	1400.0		33.70	0.00			1100.0			Blacklick Scarlift	
BCMS-046	BCS-5018	10/19/73	1			2.50	0.0	720.0		50.80	0.00			602.0			Blacklick Scarlift	
BCMS-046	BCS-5018	11/20/73	47			2.70	0.0	760.0		57.10	0.00			725.0			Blacklick Scarlift	
BCMS-046	BCS-5018	12/19/73	58			2.90	0.0	520.0		33.60	0.00			450.0			Blacklick Scarlift	
BCMS-046	BCS-5018	1/23/74	159			2.80	0.0	200.0		26.40	0.00			225.0			Blacklick Scarlift	
BCMS-046	BCS-5018	2/12/74	73			2.80	0.0	200.0		26.80	0.00			275.0			Blacklick Scarlift	
BCMS-046	BCS-5018	3/7/74	90			2.70	0.0	296.0		31.90	0.00			300.0			Blacklick Scarlift	
BCMS-046	BCS-5018	4/5/74	90			2.60	0.0	400.0		31.20	0.00			325.0			Blacklick Scarlift	
BCMS-046	BCS-5018	5/3/74	23			2.80	0.0	400.0		25.40	0.00			650.0			Blacklick Scarlift	
BCMS-046	BCS-5018	6/12/74	11			2.80	0.0	500.0		22.70	0.00			475.0			Blacklick Scarlift	
BCMS-046	BCS-5018	7/26/74	0														Blacklick Scarlift	
BCMS-046	BCS-5018	8/12/74	0														Blacklick Scarlift	
BCMS-046	BCS-5018	9/4/74	242			2.70	0.0	600.0		31.80	0.00			525.0			Blacklick Scarlift	
BCMS-047	BCS-5019	1/23/74	20			2.80	0.0	200.0		8.90	0.00			280.0			Blacklick Scarlift	
BCMS-047	BCS-5019	2/12/74	38			2.80	0.0	200.0		16.40	0.00			200.0			Blacklick Scarlift	
BCMS-047	BCS-5019	3/7/74	25			2.80	0.0	204.0		15.60	0.00			225.0			Blacklick Scarlift	
BCMS-047	BCS-5019	4/5/74	15			2.70	0.0	200.0		14.00	0.00			225.0			Blacklick Scarlift	
BCMS-047	BCS-5019	5/3/74	15			2.90	0.0	240.0		10.30	0.00			425.0			Blacklick Scarlift	
BCMS-047	BCS-5019	6/12/74	7			2.90	0.0	350.0		12.20	0.00			300.0			Blacklick Scarlift	
BCMS-047	BCS-5019	7/26/74	1			2.40	0.0	400.0		13.00	9.00			375.0			Blacklick Scarlift	
BCMS-047	BCS-5019	8/12/74	0														Blacklick Scarlift	
BCMS-047	BCS-5019	9/4/74	4			2.80	0.0	500.0		18.20	1.10			475.0			Blacklick Scarlift	
BCMS-048	BCS-5020	1/23/74	0			2.90	0.0	300.0		4.00	0.00			295.0			Blacklick Scarlift	
BCMS-048	BCS-5020	5/3/74	0														Blacklick Scarlift	
BCMS-049	BCS-5023	10/24/73	0														Blacklick Scarlift	
BCMS-049	BCS-5023	11/20/73	0			2.80	0.0	200.0		4.90	0.00			275.0			Blacklick Scarlift	
BCMS-049	BCS-5023	12/19/73	2			2.90	0.0	600.0		21.40	0.00			265.0			Blacklick Scarlift	
BCMS-049	BCS-5023	1/23/74	1			2.70	0.0	300.0		6.90	0.00			100.0			Blacklick Scarlift	
BCMS-049	BCS-5023	2/12/74	1			2.80	0.0	200.0		9.20	0.00			200.0			Blacklick Scarlift	
BCMS-049	BCS-5023	3/7/74	1			2.90	0.0	124.0		3.80	0.00			175.0			Blacklick Scarlift	
BCMS-049	BCS-5023	4/5/74	1			2.80	0.0	140.0		3.40	0.00			150.0			Blacklick Scarlift	
BCMS-049	BCS-5023	5/3/74	0			2.90	0.0	160.0		2.60	0.00			175.0			Blacklick Scarlift	
BCMS-049	BCS-5023	6/12/74	0			3.30	0.0	140.0		6.70	0.00			200.0			Blacklick Scarlift	
BCMS-050	BCS-5024	10/24/73	0														Blacklick Scarlift	
BCMS-050	BCS-5024	11/20/73	1			4.00	0.0	14.0		0.30	0.00			30.0			Blacklick Scarlift	
BCMS-050	BCS-5024	12/19/73	3			4.00	0.0	12.0		0.00	0.00			35.0			Blacklick Scarlift	
BCMS-050	BCS-5024	1/23/74	5			3.90	0.0	4.0		0.10	0.00			75.0			Blacklick Scarlift	
BCMS-050	BCS-5024	2/12/74	3			3.90	0.0	6.0		0.00	0.00			19.0			Blacklick Scarlift	
BCMS-050	BCS-5024	3/7/74	9			3.90	0.0	4.0		0.00	0.00			30.0			Blacklick Scarlift	
BCMS-050	BCS-5024	4/5/74	12			3.90	0.0	4.0		0.30	0.00			35.0			Blacklick Scarlift	
BCMS-050	BCS-5024	5/3/74	3			3.70	0.0	6.0		0.10	0.00			200.0			Blacklick Scarlift	
BCMS-050	BCS-5024	6/12/74	3			4.40	0.0	10.0		0.00	0.00			175.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH	S.U.			Acidity (mg/l)									
BCMS-051	BCS-5025	10/24/73	1			4.90	2.0	8.0		0.10	0.00			36.0			Blacklick Scarlift	
BCMS-051	BCS-5025	11/20/73	5			4.90	2.0	6.0		0.00	0.00			30.0			Blacklick Scarlift	
BCMS-051	BCS-5025	12/19/73	4			4.20	0.0	6.0		0.00	0.00			30.0			Blacklick Scarlift	
BCMS-051	BCS-5025	1/23/74	10			4.40	0.0	2.0		0.10	0.00			45.0			Blacklick Scarlift	
BCMS-051	BCS-5025	2/12/74	5			4.50	0.0	6.0		0.00	0.00			21.0			Blacklick Scarlift	
BCMS-051	BCS-5025	3/7/74	9			4.50	0.0	4.0		0.20	0.00			45.0			Blacklick Scarlift	
BCMS-051	BCS-5025	4/5/74	9			4.80	4.0	4.0		0.50	0.00			30.0			Blacklick Scarlift	
BCMS-051	BCS-5025	5/3/74	3			4.60	2.0	4.0		0.00	0.00			35.0			Blacklick Scarlift	
BCMS-051	BCS-5025	6/12/74	5			5.00	20.0	8.0		0.00	0.00			125.0			Blacklick Scarlift	
BCMS-052	BCS-5026	10/24/73	664			2.70	0.0	1200.0		109.50	0.00			1074.0			Blacklick Scarlift	
BCMS-052	BCS-5026	11/20/73	74			2.70	0.0	700.0		57.30	0.00			775.0			Blacklick Scarlift	
BCMS-052	BCS-5026	12/19/73	145			2.80	0.0	500.0		66.00	0.00			600.0			Blacklick Scarlift	
BCMS-052	BCS-5026	1/23/74	306			2.80	0.0	200.0		42.00	0.00			450.0			Blacklick Scarlift	
BCMS-052	BCS-5026	2/12/74	114			2.80	0.0	400.0		51.50	0.00			275.0			Blacklick Scarlift	
BCMS-052	BCS-5026	3/7/74	162			2.70	0.0	384.0		50.00	0.00		2.50	400.0			Blacklick Scarlift	
BCMS-052	BCS-5026	4/5/74	137			2.70	0.0	400.0		45.30	0.00			350.0			Blacklick Scarlift	
BCMS-052	BCS-5026	5/3/74	57			2.70	0.0	500.0		43.80	0.00			350.0			Blacklick Scarlift	
BCMS-052	BCS-5026	6/12/74	52			2.90	0.0	600.0		59.80	0.00			600.0			Blacklick Scarlift	
BCMS-052	BCS-5026	7/26/74	33			2.20	0.0	600.0		68.40	17.90			800.0			Blacklick Scarlift	
BCMS-052	BCS-5026	8/12/74	18			2.70	0.0	1000.0		63.90	0.00			800.0			Blacklick Scarlift	
BCMS-052	BCS-5026	9/4/74	52			2.60	0.0	1100.0		76.60	0.00			1050.0			Blacklick Scarlift	
BCMS-054	BCS-52B	5/7/74	17			2.50	0.0	13400.0		3690.00	1064.00			5950.0			Blacklick Scarlift	
BCMS-054	BCS-52B	6/14/74	22			2.80	0.0	15400.0		3790.00	2072.00			7000.0			Blacklick Scarlift	
BCMS-054	BCS-52B	7/29/74	11			2.40	0.0	13900.0		3790.00	3360.00			13800.0			Blacklick Scarlift	
BCMS-054	BCS-52B	8/15/74	6			2.60	0.0	14700.0		198.50	47.00			1100.0			Blacklick Scarlift	
BCMS-054	BCS-52B	9/9/74	13			2.50	0.0	14700.0		3210.00	1120.00			8800.0			Blacklick Scarlift	
BCMS-055	BCS-69B	11/6/73	1			1.70	0.0	7750.0		9669.40	8456.00			13750.0			Blacklick Scarlift	
BCMS-055	BCS-69B	12/4/73	1			1.70	0.0	98000.0		895.40	784.00			52500.0			Blacklick Scarlift	
BCMS-055	BCS-69B	1/2/74	1			1.10	0.0	11100.0		20591.40	15960.00			53000.0			Blacklick Scarlift	
BCMS-055	BCS-69B	1/31/74	0			1.00	0.0	111000.0		143109.40	21224.00			105000.0			Blacklick Scarlift	
BCMS-055	BCS-69B	2/18/74	1			1.40	0.0	33600.0		37299.20	28448.00			24900.0			Blacklick Scarlift	
BCMS-055	BCS-69B	3/13/74	4			1.30	0.0	97400.0		61750.00	13944.00			12400.0			Blacklick Scarlift	
BCMS-055	BCS-69B	4/10/74	4			1.60	0.0	34400.0		16780.00	11872.00			12250.0			Blacklick Scarlift	
BCMS-055	BCS-69B	5/8/74	2			1.60	0.0	62200.0		18600.00	13160.00			12000.0			Blacklick Scarlift	
BCMS-055	BCS-69B	6/18/74	2			1.90	0.0	36000.0		16274.00	15680.00			55000.0			Blacklick Scarlift	
BCMS-055	BCS-69B	7/31/74	1			1.20	0.0	67200.0		18250.00	18200.00			41000.0			Blacklick Scarlift	
BCMS-055	BCS-69B	8/19/74	0			1.30	0.0	69700.0		28310.00	20104.00			60000.0			Blacklick Scarlift	
BCMS-055	BCS-69B	9/10/74	3			1.10	0.0	73300.0		28440.00	20270.00			78000.0			Blacklick Scarlift	
BCMS-056	BCS-73	10/31/73	125			2.50	0.0	400.0		9.40	0.00			299.0			Blacklick Scarlift	
BCMS-056	BCS-73	12/3/73	81			2.90	0.0	270.0		7.10	0.00			725.0			Blacklick Scarlift	
BCMS-056	BCS-73	12/31/73	101			3.00	0.0	186.0		4.20	0.00			260.0			Blacklick Scarlift	
BCMS-056	BCS-73	1/30/74	71			2.90	0.0	182.0		5.40	0.00			200.0			Blacklick Scarlift	
BCMS-056	BCS-73	2/18/74	34			2.70	0.0	2400.0		8.40	0.00			275.0			Blacklick Scarlift	
BCMS-056	BCS-73	3/14/74	81			3.10	0.0	180.0		4.00	0.00			225.0			Blacklick Scarlift	
BCMS-056	BCS-73	4/15/74	63			2.90	0.0	190.0		6.00	0.00			225.0			Blacklick Scarlift	
BCMS-056	BCS-73	5/8/74	34			2.80	0.0	200.0		8.30	0.00			200.0			Blacklick Scarlift	
BCMS-056	BCS-73	6/7/74	40			2.80	0.0	200.0		7.50	0.00			250.0			Blacklick Scarlift	
BCMS-056	BCS-73	8/2/74	8			2.90	0.0	300.0		5.80	0.00			425.0			Blacklick Scarlift	
BCMS-056	BCS-73	8/22/74	8			2.60	0.0	400.0		5.40	0.00			475.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-056	BCS-73	9/10/74	23			3.00	0.0	19.0		6.20	0.00			425.0			Blacklick Scarlift	
BCMS-066	MB-12	6/26/03	47	2580		2.56	0.0	1091.0		161.67		3.27	60.62	1508.1	-2	1118	BCWA Assessment-IUP	
BCMS-066	MB-12	7/30/03	203	2574		2.51	0.0	1056.8		182.32		3.83	61.59	1321.4	8	3160	BCWA Assessment-IUP	
BCMS-066	MB-12	8/20/03	208	2488		2.49	0.0	1079.3		183.92		3.75	65.00	1406.0	10	2742	BCWA Assessment-IUP	
BCMS-066	MB-12	9/27/03	106	2400		2.54	0.0	879.5		137.93		3.28	58.79	1312.0	14	2464	BCWA Assessment-IUP	
BCMS-066	MB-12	10/24/03	121	2448		2.55	0.0	944.8		154.17		3.22	51.33	1279.8	-2	2714	BCWA Assessment-IUP	
BCMS-066	MB-12	12/5/03	106	2234		2.73	0.0	892.4		147.10		3.43	58.46	1217.1	2	2058	BCWA Assessment-IUP	
BCMS-066	MB-12	12/31/03	127	2188		2.57	0.0	845.3		155.53		3.68	50.49	1126.4	2	1832	BCWA Assessment-IUP	
BCMS-066	MB-12	2/28/04	117	2024		2.61	0.0	779.1		105.64		2.89	47.51	858.6	16	1554	BCWA Assessment-IUP	
BCMS-066	MB-12	3/26/04	117	2160		2.55	0.0	784.0		162.48		3.20	48.12	997.9	-2	1604	BCWA Assessment-IUP	
BCMS-066	MB-12	4/16/04	477	1966		2.51	0.0	659.0		117.51		3.56	40.83	941.4	2	1914	BCWA Assessment-IUP	
BCMS-066	MB-12	5/13/04	333	2360		2.49	0.0	880.5		145.06		3.73	54.97	1172.2	-2	2984	BCWA Assessment-IUP	
BCMS-070	MB-7	6/26/03	123	1304		2.86	0.0	213.9		55.11		2.05	10.81	455.7	-2	902	BCWA Assessment-IUP	
BCMS-070	MB-7	7/30/03	127	1304		2.94	0.0	207.3		74.49		2.24	10.54	507.3	28	1024	BCWA Assessment-IUP	
BCMS-070	MB-7	8/20/03	123	1265		3.04	0.0	213.6		87.95		1.96	11.72	482.0	18	888	BCWA Assessment-IUP	
BCMS-070	MB-7	9/28/03	47	1138		3.53	0.0	246.7		73.04		1.96	11.33	470.7	24	826	BCWA Assessment-IUP	
BCMS-070	MB-7	10/26/03	47	1193		3.43	0.0	237.3		72.96		2.16	10.97	463.6	4	786	BCWA Assessment-IUP	
BCMS-070	MB-7	1/2/04		552		6.09	13.1	41.6		12.02		0.78	0.56	267.7	14	390	BCWA Assessment-IUP	
BCMS-070	MB-7	2/29/04	190	953		4.12	0.0	214.0		49.68		1.82	10.04	475.3	2	608	BCWA Assessment-IUP	
BCMS-070	MB-7	3/27/04	269	1012		4.33	0.0	182.5		37.73		1.54	9.45	385.0	4	578	BCWA Assessment-IUP	
BCMS-070	MB-7	5/14/04	269	1091		3.41	0.0	190.9		82.75		3.66	22.75	423.0	10	812	BCWA Assessment-IUP	
BCMS-074	MB-24	6/26/03	780	500		3.82	0.0	31.5		0.33		2.03	0.91	196.6	18	370	BCWA Assessment-IUP	
BCMS-074	MB-24	7/30/03	1133	462		5.30	1.7	10.7		0.41		2.47	1.07	205.3	8	314	BCWA Assessment-IUP	
BCMS-074	MB-24	8/20/03	1775	492		4.76	1.2	16.4		0.43		3.19	1.25	224.2	-2	336	BCWA Assessment-IUP	
BCMS-074	MB-24	9/27/03	629	449		5.30	1.8	9.3		0.43		2.52	0.79	190.4	20	318	BCWA Assessment-IUP	
BCMS-074	MB-24	10/25/03	1071	446		4.70	-1.0	12.7		0.21		2.59	1.40	224.7	-2	304	BCWA Assessment-IUP	
BCMS-074	MB-24	12/5/03	629	371		4.97	-1.0	19.5		0.27		1.83	2.02	157.3	2	252	BCWA Assessment-IUP	
BCMS-074	MB-24	12/31/03	1392	375		2.91	0.0	14.7		0.28		1.64	1.63	159.9	24	230	BCWA Assessment-IUP	
BCMS-074	MB-24	2/4/04	1448	475		6.80	8.9	4.5		0.21		0.24	0.33	167.5	6	324	BCWA Assessment-IUP	
BCMS-074	MB-24	2/28/04	1320	455		4.45	0.0	18.4		0.15		2.11	1.28	187.6	10	294	BCWA Assessment-IUP	
BCMS-074	MB-24	3/26/04	1907	396		4.68	-1.0	22.3		0.15		1.81	2.29	143.9	4	250	BCWA Assessment-IUP	
BCMS-074	MB-24	4/16/04	5000	328		4.68	-1.0	14.8		0.14		1.78	0.88	133.2	-2	200	BCWA Assessment-IUP	
BCMS-074	MB-24	5/13/04	952	529		3.98	0.0	30.1		0.20		3.34	1.36	229.2	-2	440	BCWA Assessment-IUP	
BCMS-094	H	3/6/85	0														M.B. Energy, Inc.	32823049
BCMS-094	H	6/14/85	0														M.B. Energy, Inc.	32823049
BCMS-094	H	9/6/85	0														M.B. Energy, Inc.	32823049
BCMS-094	H	12/9/85	1	96	5.50	5.40	2.0	7.0		0.52		0.07		12.0			M.B. Energy, Inc.	32823049
BCMS-094	H	2/6/86	10	89	5.00	5.20	3.0	12.0		0.50		0.20		12.0			M.B. Energy, Inc.	32823049
BCMS-094	H	4/30/86	0														M.B. Energy, Inc.	32823049
BCMS-094	H	7/17/86	1	105	5.40	5.60	4.0	6.0		1.57		0.07		13.0			M.B. Energy, Inc.	32823049
BCMS-094	H	12/26/86	56	88	5.00	5.30	<1.0	9.0		0.05		0.06		12.0			M.B. Energy, Inc.	32823049
BCMS-094	H	2/19/87	1	98	6.00	6.00	4.3	8.4		0.63		0.04		15.4			M.B. Energy, Inc.	32823049
BCMS-094	H	6/16/87	0														M.B. Energy, Inc.	32823049
BCMS-094	H	8/27/87	0														M.B. Energy, Inc.	32823049
BCMS-094	H	12/16/87	5	91	5.50	5.70	2.0	<1.0		0.06		<0.04		12.7			M.B. Energy, Inc.	32823049
BCMS-094	H	2/23/88	3	90	6.00	5.76	2.4	5.5		0.12		0.08		13.4			M.B. Energy, Inc.	32823049
BCMS-094	H	5/19/88	2	88	6.00	5.98	2.8	8.1		0.02		<0.04		14.4			M.B. Energy, Inc.	32823049
BCMS-094	H	7/19/88	0														M.B. Energy, Inc.	32823049
BCMS-094	H	12/26/90	750	492	4.50	4.43	0.0	30.5		1.20		0.73		251.4			North Cambria Fuel Co.	32703032

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-094	H	1/22/91	1652	485	4.60	4.71	1.4	18.1		1.23		0.60		243.7			North Cambria Fuel Co.	32703032
BCMS-094	H	5/16/91	362	523	4.80	4.66	<1.0	9.8		1.20		0.61		260.6			North Cambria Fuel Co.	32703032
BCMS-094	H	7/25/91	152	755	4.70	4.67	1.2	33.1		0.55		1.20		386.2			North Cambria Fuel Co.	32703032
BCMS-094	H	10/24/91	312	888	4.60	7.49	0.0	77.4		0.25		1.71		498.7			North Cambria Fuel Co.	32703032
BCMS-094	H	1/24/92	466	262	5.00	4.60	<1.0	17.2		0.69		0.35		99.7			North Cambria Fuel Co.	32703032
BCMS-094	H	4/30/92	586	488	4.60	4.58	<1.0	27.9		1.09		0.53		206.5			North Cambria Fuel Co.	32703032
BCMS-094	H	9/17/92	328	852	4.50	4.57	<1.0	45.7		1.30		1.11		400.0			North Cambria Fuel Co.	32703032
BCMS-094	H	12/21/92	412	364	4.70	3.91	0.0	37.7		1.28		0.56		144.1			North Cambria Fuel Co.	32703032
BCMS-094	H	2/9/93	383	585	4.60	4.64	<1.0	38.4		1.44		0.58		284.5			North Cambria Fuel Co.	32703032
BCMS-095	MP-5	6/26/90	17	1112	3.20	3.11	0.0	107.0		1.07		2.93	5.74	434.7			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	7/10/90	17	1128	3.10	3.09	0.0	110.2		1.25		3.22	8.53	456.2			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	7/24/90	4	310	4.20	3.95	0.0	34.8		0.11		1.65	3.26	123.0			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	8/7/90	19	1129	3.10	3.22	0.0	107.6		1.72		2.98	8.46	453.5			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	8/25/90	11	1120	3.40	3.13	0.0	116.6		1.26		3.04	9.63	554.2			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	9/14/90	6	1131	3.30	3.10	0.0	115.0		1.26		3.28	9.27	490.5			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	9/28/90	6	1120	3.40	3.11	0.0	8.0		0.99		2.91	9.18	503.4			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	10/10/90	6	1137	3.20	3.10	0.0	113.0		1.17		3.12	9.03	493.1			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	10/23/90	19	1155	3.40	3.09	0.0	118.3		1.55		2.77	9.38	539.6			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	11/5/90	13	1212	3.30	3.11	0.0	127.0		1.31		2.85	10.55	565.5			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	11/23/90	8	1191	3.30	3.09	0.0	120.9		1.33		2.96	9.85	534.5			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	12/7/90	13	1101	2.80	3.00	0.0	111.7		1.44		2.83	9.36	508.6			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	12/19/90	24	953	3.10	3.15	0.0	99.6		1.21		2.54	6.89	420.7			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	1/4/91	21	973	3.10	3.15	0.0	96.6		1.10		2.53	6.77	387.0			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	1/24/91	19	905	3.30	3.11	0.0	90.5		0.85		2.46	4.89	407.7			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	2/6/91	19	986	3.30	3.14	0.0	115.3		1.00		2.55	6.81	381.9			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	2/18/91	24	967	3.30	3.15	0.0	98.6		1.12		2.47	6.97	376.7			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	3/15/91	21	938	3.00	3.16	0.0	94.0		0.96		2.68	6.46	410.3			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	4/10/91	21	966	3.30	3.15	0.0	97.9		1.04		2.71	6.89	393.2			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	4/24/91	32	970	3.30	3.14	0.0	93.9		1.07		2.32	6.76	429.2			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	5/16/91	13	978	3.20	3.15	0.0	102.5		1.02		2.68	6.58	457.9			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	5/28/91	8	992	3.30	3.19	0.0	103.4		0.99		2.78	7.14	481.9			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	6/14/91	8	1052	3.40	3.15	0.0	98.4		1.03		3.14	7.59	513.1			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	6/25/91	6	1085	3.30	3.19	0.0	104.8		1.10		3.29	8.10	549.1			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	7/9/91	4	1094	3.30	3.14	0.0	276.1		1.20		2.98	7.85	513.1			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	7/22/91	0														M.B. Energy, Inc.	32910102
BCMS-095	MP-5	8/5/91	3	1062		3.16	0.0	117.8		0.91		3.43	9.49	534.7			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	12/23/91	46	944	3.70	3.02	0.0	168.1		3.69		2.94	14.17	677.4			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	2/21/92	18	623	3.50	3.02	0.0	154.1		2.61		2.68	11.55	513.7			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	6/5/92	29	950	4.00	3.06	0.0	141.9		1.42		2.92	11.05	575.6			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	7/17/92	6	1090	4.30	3.05	0.0	153.9		2.21		3.20	14.06	631.7			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	11/11/92	6	1004	3.50	3.06	0.0	392.9		1.59		2.87	15.00	582.3			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	1/21/93	17	840	3.40	3.12	0.0	142.7		1.54		2.32	10.56	476.8			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	5/19/93	5	1036	3.20	3.10	0.0	119.5		1.03		2.27	9.79	530.7			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	7/7/93	0														M.B. Energy, Inc.	32910102
BCMS-095	MP-5	11/5/93	17	928	3.70	3.00	0.0	148.3		2.10		2.17	10.45	562.3			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	2/4/94	18	680	3.50	3.14	0.0	125.7		1.08		1.91	9.96	623.5			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	4/12/94	11	654	4.10	3.10	0.0	96.4		0.81		1.56	6.68	479.7			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	8/24/94	3	700	3.50	3.19	0.0	144.0		0.82		2.08	11.41	604.9			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	10/25/94	1	1512	2.90	3.12	0.0	156.9		0.61		2.37	15.42	761.7			M.B. Energy, Inc.	32910102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-095	MP-5	2/13/95	2	1200	3.90	3.11	0.0	170.9		0.72		2.11	14.22	761.8			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	4/18/95	4	1454	4.90	3.08	0.0	147.1		0.79		2.61	12.94	727.9			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	7/10/95	11	1518	4.00	3.14	0.0	156.1		0.80		2.72	14.66	781.6			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	12/29/95	7	1328	4.00	3.09	0.0	153.2		1.80		3.33	13.88	891.4			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	3/7/96	8	1158	4.00	3.10	0.0	107.3		1.48		3.91	9.32	691.1			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	5/13/96	20	1260	4.00	3.18	0.0	103.6		1.30		3.66	7.46	688.3			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	8/5/96	6	1396	4.00	3.17	0.0	128.5		0.91		5.57	10.40	801.4			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	10/2/96	8	1156	4.00	3.18	0.0	111.1		1.08		3.78	7.19	697.7			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	2/19/97		0		3.30	0.0	126.0		0.77		3.93	8.53	727.1			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	2/25/97	8	1090	4.00	3.24	0.0	136.8		0.67		3.69	7.98	716.6			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	6/12/97	3	1780	4.00	3.12	0.0	125.7		2.28		3.94	9.44	895.1			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	9/2/97	2	1436	4.00	3.18	0.0	107.7		2.47		2.87	7.14	872.2			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	10/14/97	0	1240	4.00	4.03	0.0	129.5		2.19		2.78	6.05	937.2			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	12/3/97		0		3.30	0.0	96.0		2.30		2.98	6.05	706.2			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	1/2/98	3	1040	4.50	3.39	0.0	105.7		0.79		3.39	7.30	643.0			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	4/7/98	3	728	4.50	3.38	0.0	99.9		0.68		4.28	8.93	748.1			M.B. Energy, Inc.	32910102
BCMS-095	MP-5	7/8/98		0		3.30	0.0	98.0		0.98		3.29	8.23	682.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	2/27/90	32	1117	3.40	3.00	0.0	105.7		3.11		1.91		420.5			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	3/22/90	41	1218	3.30	2.99	0.0	126.6		5.01		2.32		534.1			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	4/26/90	16	1168	3.40	3.02	0.0	115.0		3.68		2.03		434.7			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	5/17/90	41	635	3.30	3.41	0.0	58.0		2.53		1.17		239.6			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	6/13/90	18	1124	3.50	3.00	0.0	114.3		1.55		1.84		488.7			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	7/10/90	6	1247	3.30	2.99	0.0	129.7		3.27		2.55		511.8			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	7/24/90	8	1224	3.20	2.99	0.0	130.3		4.70		2.29	8.35	501.2			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	8/7/90	4	1118	3.20	3.06	0.0	116.1		3.75		2.10	6.93	421.8			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	8/25/90	3	1375	3.30	2.95	0.0	155.5		4.95		2.55	10.27	619.9			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	9/14/90	3	1297	2.50	1.91	0.0	156.3		5.98		2.37	8.78	487.0			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	9/28/90	3	1366	3.20	2.89	0.0	166.7		5.77		2.33	9.35	567.8			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	10/10/90	3	1363	3.20	2.90	0.0	163.9		6.23		2.49	9.71	511.2			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	10/23/90	21	1321	3.30	2.99	0.0	143.0		5.10		2.56	9.19	590.5			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	11/5/90	7	1362	3.20	2.98	0.0	148.2		4.30		2.57	9.99	580.8			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	11/23/90	5	1117	3.30	3.17	0.0	110.1		1.54		2.70	10.04	552.6			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	12/7/90	11	1170	2.80	2.93	0.0	135.3		4.39		2.04	7.95	511.2			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	12/19/90	39	990	3.10	3.09	0.0	102.8		2.98		1.83	5.72	392.2			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	1/4/91	42	995	3.00	3.09	0.0	105.3		3.23		1.83	5.83	389.6			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	1/24/91	21	951	3.30	3.06	0.0	92.8		2.47		1.69	4.80	376.7			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	2/6/91	21	1071	3.20	3.04	0.0	132.9		4.13		1.84	6.19	387.0			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	2/18/91	24	1104	3.10	3.01	0.0	121.0		5.15		1.67	6.46	405.1			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	3/15/91	35	1023	3.40	3.05	0.0	103.8		3.65		1.64	5.52	423.2			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	4/10/91	15	1081	3.30	3.03	0.0	112.4		3.88		1.81	6.35	424.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	4/24/91	39	1100	3.30	3.03	0.0	111.4		4.65		1.67	6.27	448.3			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	5/16/91	13	1077	3.20	3.05	0.0	113.4		3.47		1.85	6.06	474.7			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	5/28/91	11	1148	3.20	3.05	0.0	128.3		3.29		1.98	7.28	513.1			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	6/14/91	6	1248	3.20	2.96	0.0	138.1		4.36		2.31	8.51	553.9			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	6/15/91	5	1326	3.20	2.97	0.0	147.6		5.10		2.41	8.90	632.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	7/9/91	2	1239	3.20	2.91	0.0	398.1		6.45		1.96	8.27	545.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	7/22/91	0														M.B. Energy, Inc.	32910102
BCMS-096	MP-11	8/5/91	3	1406		2.89	0.0	180.6		7.31		2.45	10.57	628.3			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	12/23/91	29	1635	3.60	2.83	0.0	223.1		9.97		3.07	14.19	728.4			M.B. Energy, Inc.	32910102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-096	MP-11	2/21/92	7	1353	3.30	2.93	0.0	171.7		7.27		2.41	9.82	519.2			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	6/5/92	13	1401	4.00	2.90	0.0	172.6		5.53		2.43	10.43	596.0			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	7/17/92	4	1514	4.30	2.93	0.0	196.6		8.76		2.49	12.46	637.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	11/11/92	3	1359	3.50	2.85	0.0	477.3		8.10		1.98	10.66	535.6			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	1/21/93	32	1289	3.50	3.07	0.0	144.3		4.31		2.13	8.30	547.0			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	5/19/93	4	1308	3.10	2.98	0.0	134.8		3.25		2.19	9.02	583.6			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	7/7/93	5	791	5.00	4.81	1.6	18.6		0.56		2.49	3.43	326.0			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	11/5/93	10	1232	3.70	2.87	0.0	164.6		6.73		1.61	7.22	482.6			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	2/4/94	25	1387	3.60	3.20	0.0	99.9		2.58		1.80	6.15	628.5			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	4/12/94	18	965	4.50	3.22	0.0	81.3		2.25		1.14	4.22	426.5			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	8/24/94	1	1299	3.40	2.96	0.0	145.5		3.30		1.37	7.52	525.1			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	10/25/94	0	1819	2.90	2.90	0.0	180.5		4.48		2.12	12.26	803.0			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	2/13/95	1	1780	3.80	3.03	0.0	154.0		4.19		2.07	8.97	797.1			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	4/18/95	3	1636	5.00	3.01	0.0	139.2		3.59		2.23	8.18	767.0			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	7/10/95	8	1831	3.90	3.05	0.0	144.1		3.90		2.81	9.91	818.9			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	12/29/95	8	937	4.00	4.60	<1.0	24.1		0.98		1.64	3.02	338.1			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	3/7/96	5	1235	4.00	3.20	0.0	82.3		2.46		3.40	5.92	580.9			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	5/13/96	20	1378	3.00	3.23	0.0	93.2		2.70		3.92	6.10	702.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	8/5/96	0	1782	4.00	3.13	0.0	127.9		2.24		5.31	9.18	940.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	10/2/96	3	1553	4.00	3.22	0.0	103.9		2.35		4.08	6.45	787.3			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	2/19/97		0		3.30	0.0	122.0		2.73		3.68	6.85	874.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	2/25/97	5	1510	4.00	3.20	0.0	136.0		2.49		3.17	6.41	801.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	6/12/97	5	1496	4.00	3.19	0.0	101.1		0.76		3.99	8.74	719.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	9/2/97	3	1520	4.00	3.26	0.0	108.4		0.83		3.74	10.00	791.4			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	10/14/97	0														M.B. Energy, Inc.	32910102
BCMS-096	MP-11	1/2/98	15	1502	4.50	3.38	0.0	112.0		2.10		3.53	6.81	776.6			M.B. Energy, Inc.	32910102
BCMS-096	MP-11	4/7/98	1	1602	4.50	3.26	0.0	104.4		2.06		3.14	7.31	829.8			M.B. Energy, Inc.	32910102
BCMS-097	MP-50	10/18/94	2	211		7.24	82.2	3.5		3.15		1.02		20.2			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	11/17/94	1	126		6.65	30.3	6.9		0.52		0.19		18.4			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	12/28/94		104		6.46	22.6	3.5		0.09		0.05		17.6			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	2/13/95	2	129	6.30	6.65	28.5	8.3		0.66		0.25		18.6			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	3/31/95	4	101	6.50	6.70	20.6	1.6		0.58		0.11		16.7			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	4/20/95	2	95	6.70	6.54	18.3	2.5		0.12		0.04		17.8			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	6/7/95	3	116	6.70	6.74	28.1	4.1		0.33		0.15		16.2			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	8/17/95	0														M.B. Energy, Inc.	32950101
BCMS-097	MP-50	11/6/95	2	287	6.70	7.47	117.5	1.6		0.54		1.00		23.7			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	3/5/96	1	555	6.50	7.50	85.8	5.5		0.70		0.86		189.1			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	5/10/96	5	346	7.50	7.31	73.4	4.9		0.96		1.16		73.2			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	7/8/96	0														M.B. Energy, Inc.	32950101
BCMS-097	MP-50	10/3/96	0														M.B. Energy, Inc.	32950101
BCMS-097	MP-50	3/19/97	0														M.B. Energy, Inc.	32950101
BCMS-097	MP-50	5/6/97	0														M.B. Energy, Inc.	32950101
BCMS-097	MP-50	8/18/97	2	648	7.00	7.41	44.8	3.5		0.32		0.41		273.3			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	12/26/97	1	667	6.50	6.87	50.3	6.3		0.06		0.14		312.5			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	3/24/98	2	827	7.00	7.39	77.6	10.3		0.11		0.12		345.9			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	6/17/98	10	593	7.00	8.13	139.3	3.6		0.24		0.52		166.7			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	8/20/98	0														M.B. Energy, Inc.	32950101
BCMS-097	MP-50	10/21/98	0														M.B. Energy, Inc.	32950101
BCMS-097	MP-50	2/3/99	20	906	7.00	7.83	105.8	1.4		<0.04		0.06		363.0			M.B. Energy, Inc.	32950101



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.												
BCMS-097	MP-50	4/8/99	25	772	8.00	7.82	138.9	1.6		<0.04		0.02		267.2			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	8/12/99	0														M.B. Energy, Inc.	32950101
BCMS-097	MP-50	10/18/99	0														M.B. Energy, Inc.	32950101
BCMS-097	MP-50	3/8/00	6	767	7.80	7.97	123.9	3.1		0.07		0.07		276.1			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	6/23/00	2	1002	7.30	7.42	155.2	5.2		<0.04		0.05		412.9			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	9/12/00		749	7.30	7.84	159.0	1.9		3.34		0.93		231.7			M.B. Energy, Inc.	32950101
BCMS-097	MP-50	12/11/00	0														M.B. Energy, Inc.	32950101
BCMS-097	MP-50	3/19/01	28	70	6.60	5.72	5.1	2.5		1.91		<0.02		12.8			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	10/18/94		208		6.93	28.3	2.5		0.14		0.08	<0.10	47.3			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	11/17/94		124		6.48	12.8	2.3		0.30		0.04	0.24	23.0			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	3/31/95	20	77	6.50	6.42	6.1	1.5		0.29		<0.02		15.8			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	4/20/95	38	76	6.40	6.10	5.0	1.9		0.20		0.02		16.9			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	6/7/95	15	79	6.60	6.32	7.0	2.8		0.14		<0.02		15.8			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	8/17/95	65	103	7.00	6.17	11.9	1.5		0.35		0.02		17.7			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	11/6/95	9	113	6.30	6.90	14.4	1.3		0.11		0.04		25.7			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	3/5/96	0														M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	5/10/96	35	103	7.00	6.43	5.8	2.7		0.34		0.03		23.2			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	7/8/96	25	155	7.00	6.73	11.2	3.6		0.18		0.02		42.9			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	10/3/96	6	298	7.50	6.62	27.3	3.6		0.13		0.03		49.6			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	3/19/97	35	263	7.00	7.06	77.2	1.9		0.09		0.03		39.5			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	5/6/97	0														M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	8/18/97	35	252	7.30	7.59	56.6	2.3		0.45		0.03		42.8			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	12/27/97	25	306	7.00	7.48	74.5	3.2		0.21		<0.02		65.6			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	3/24/98	35	343	7.50	7.76	87.1	8.4		0.17		0.03		67.7			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	6/17/98	35	261	7.00	8.15	59.3	3.1		0.91		0.05		58.3			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	8/20/98	25	421	7.50	7.77	141.6	64.7		0.09		<0.02		76.2			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	10/21/98	5	440	7.50	7.71	146.9	2.0		0.04		<0.02		66.6			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	2/3/99	25	324	7.00	7.61	57.2	1.3		0.17		0.03		86.0			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	4/8/99	65	296	7.50	7.41	57.4	1.7		0.24		0.04		72.4			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	8/12/99	5	484	8.00	7.38	158.4	6.4		0.20		<0.02		92.1			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	10/18/99	5	466	8.00	7.83	144.0	3.5		0.35		0.03		101.6			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	3/8/00	35	68	6.60	6.02	5.2	2.1		0.08		<0.02		13.5			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	6/23/00	1	115	7.30	6.52	34.4	2.7		0.32		0.04		13.3			M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	9/12/00	0														M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	12/11/00	0														M.B. Energy, Inc.	32950101
BCMS-098	MP-50A	3/19/01	27	71	6.50	5.67	4.0	2.1		0.07		<0.02		12.8			M.B. Energy, Inc.	32950101
BCMS-100	D	9/6/84	12	195	5.90	6.60	15.0			6.00		1.40	0.30	74.0			North Cambria Fuel Co.	32860109
BCMS-100	D	12/4/84	60	185	5.50	4.90	2.0	8.0		0.20		1.00	0.90	76.0			North Cambria Fuel Co.	32860109
BCMS-100	D	6/14/85	1	148	4.50	4.60	0.0	16.0		<0.02		0.61		56.0			North Cambria Fuel Co.	32860109
BCMS-100	D	12/9/85	10	245	5.00	5.00	2.0	13.0		0.26		0.81		84.0			North Cambria Fuel Co.	32860109
BCMS-100	D	3/4/86	30	750	4.00	3.70	0.0	44.0		0.98		2.15		283.0			North Cambria Fuel Co.	32860109
BCMS-100	D	4/30/86	45	680	4.00	3.90	0.0	36.0		1.00		<0.04		261.0			North Cambria Fuel Co.	32860109
BCMS-100	D	12/26/86	35	400	4.00	3.40	0.0	40.0		4.62		3.46		109.0			North Cambria Fuel Co.	32860109
BCMS-100	D	12/14/89	0														North Cambria Fuel Co.	32860109
BCMS-100	D	3/5/90	22	169	4.70	4.64	<1.0	10.7		0.39		0.53		59.1			North Cambria Fuel Co.	32860109
BCMS-100	D	4/18/90	0														North Cambria Fuel Co.	32860109
BCMS-100	D	8/6/90	0														North Cambria Fuel Co.	32860109
BCMS-100	D	12/26/90	0														North Cambria Fuel Co.	32860109
BCMS-100	D	1/22/91	0														North Cambria Fuel Co.	32860109

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-100	D	5/16/91	38	496	4.80	4.79	1.6	12.5		2.38		0.70		188.6			North Cambria Fuel Co.	32860109
BCMS-100	D	7/25/91	2	715	4.80	4.73	1.5	51.2		1.51		1.18		368.2			North Cambria Fuel Co.	32860109
BCMS-100	D	10/24/91	0														North Cambria Fuel Co.	32860109
BCMS-100	D	1/24/92	49	184	5.40	4.73	1.2	13.3		0.33		0.84		67.0			North Cambria Fuel Co.	32860109
BCMS-100	D	4/30/92	2	115	4.00	4.59	<1.0	16.1		<0.04		0.71		34.9			North Cambria Fuel Co.	32860109
BCMS-100	D	9/17/92	0														North Cambria Fuel Co.	32860109
BCMS-100	D	12/21/92	58	370	6.90	6.57	30.1	2.4		0.16		0.52		141.5			North Cambria Fuel Co.	32860109
BCMS-100	D	2/9/93	4	611	4.50	4.40	0.0	45.1		1.14		0.47		306.4			North Cambria Fuel Co.	32860109
BCMS-100	D	4/12/93	9	128	6.50	5.51	4.7	6.3		0.06		0.72		37.0			North Cambria Fuel Co.	32860109
BCMS-100	D	7/15/93	0														North Cambria Fuel Co.	32860109
BCMS-100	D	11/7/93	0	157	4.80	4.40	0.0	21.4		0.04		1.24		51.4			North Cambria Fuel Co.	32860109
BCMS-100	D	2/24/94	15	191	5.90	4.22	0.0	38.4		<0.04		2.73		70.7			North Cambria Fuel Co.	32860109
BCMS-100	D	6/9/94	0														North Cambria Fuel Co.	32860109
BCMS-100	D	12/13/94	0														North Cambria Fuel Co.	32860109
BCMS-100	D	2/17/95	18	197	5.90	6.15	7.2	4.5		0.12		1.99		54.2			North Cambria Fuel Co.	32860109
BCMS-100	D	4/12/95	26	180	6.50	6.02	4.1	4.0		0.15		0.40		63.7			North Cambria Fuel Co.	32860109
BCMS-100	D	8/11/95	3	141	5.00	3.90	0.0	12.4		0.09		1.94		32.9			North Cambria Fuel Co.	32860109
BCMS-100	D	11/29/95	20	132	4.50	6.39	7.5	2.5		0.23		0.70		32.5			North Cambria Fuel Co.	32860109
BCMS-100	D	2/14/96	0														North Cambria Fuel Co.	32860109
BCMS-100	D	6/29/96	0														North Cambria Fuel Co.	32860109
BCMS-100	D	9/12/96	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	2/21/86	18	300	5.00	4.94	<1.0	12.0		0.10		0.98		73.7			North Cambria Fuel Co.	32860109
BCMS-101	OO	3/19/86	6		5.10												North Cambria Fuel Co.	32860109
BCMS-101	OO	4/14/86	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	5/14/86	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	10/11/86	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	2/19/87	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	4/22/87	2	144	4.50	3.97	0.0	29.1		0.06		0.80		42.8			North Cambria Fuel Co.	32860109
BCMS-101	OO	12/14/89	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	3/5/90	1	173	4.80	4.64	<1.0	12.3		0.16		0.54		56.4			North Cambria Fuel Co.	32860109
BCMS-101	OO	4/18/90	5	174	4.70	4.55	<1.0	10.5		0.06		0.53		59.9			North Cambria Fuel Co.	32860109
BCMS-101	OO	8/6/90	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	12/26/90	4	265	5.00	4.86	1.4	13.7		0.44		1.30		102.8			North Cambria Fuel Co.	32860109
BCMS-101	OO	1/22/91	2	472	4.60	4.70	1.3	17.6		0.09		0.02		224.7			North Cambria Fuel Co.	32860109
BCMS-101	OO	5/16/91	1	514	4.80	4.79	1.5	13.1		2.11		0.61		247.0			North Cambria Fuel Co.	32860109
BCMS-101	OO	7/25/91	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	10/24/91	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	1/24/92	2	268	4.80	4.59	<1.0	20.5		0.71		0.34		105.0			North Cambria Fuel Co.	32860109
BCMS-101	OO	4/30/92	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	9/17/92	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	12/21/92	2	232	4.00	4.35	0.0	23.9		0.83		0.56		89.2			North Cambria Fuel Co.	32860109
BCMS-101	OO	2/9/93	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	4/12/93	1	100	6.00	5.43	4.7	13.1		0.13		0.68		31.9			North Cambria Fuel Co.	32860109
BCMS-101	OO	7/15/93	1	281	5.70	6.44	5.0	1.9		1.49		1.33		103.2			North Cambria Fuel Co.	32860109
BCMS-101	OO	11/7/93	0	181	5.00	4.40	0.0	29.9		0.71		2.12		56.5			North Cambria Fuel Co.	32860109
BCMS-101	OO	2/24/94	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	6/9/94	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	8/12/94	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	12/13/94	0														North Cambria Fuel Co.	32860109

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-101	OO	2/17/95	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	4/12/95	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	8/11/95	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	11/29/95	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	2/14/96	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	6/29/96	0														North Cambria Fuel Co.	32860109
BCMS-101	OO	9/12/96	0														North Cambria Fuel Co.	32860109
BCMS-102	SP-10	7/18/88	23	2268	4.30	3.60	0.0	460.0		106.60		3.55		970.0			Marquise Mining Corp.	32870102
BCMS-102	SP-10	10/10/88	1	1749	4.50	3.60	0.0	428.0		135.10		3.98		905.0			Marquise Mining Corp.	32870102
BCMS-102	SP-10	1/20/89	65	1323	4.00	4.00	0.0	266.0		53.60		2.82		525.0			Marquise Mining Corp.	32870102
BCMS-102	SP-10	4/21/89	40	1560	4.00	2.80	0.0	440.0		96.70		2.88		525.0			Marquise Mining Corp.	32870102
BCMS-102	SP-10	7/31/89	50	1749	4.50	3.10	0.0	424.0		82.20		2.52		675.0			Marquise Mining Corp.	32870102
BCMS-102	SP-10	10/6/89	50	1606	4.00	3.00	0.0	430.0		92.20		2.67		630.0			Marquise Mining Corp.	32870102
BCMS-102	SP-10	2/14/90	90	880	4.00	3.40	0.0	154.0		13.33		2.15		295.0			Marquise Mining Corp.	32870102
BCMS-102	SP-10	5/14/90	40	1398	4.30	3.20	0.0	280.0		53.70		2.75		465.0			Marquise Mining Corp.	32870102
BCMS-102	SP-10	7/25/90	15	1542	4.30	3.00	0.0	326.0		50.30		2.67		230.0			Marquise Mining Corp.	32870102
BCMS-102	SP-10	10/5/90	35	1661	4.30	3.00	0.0	396.0		64.60		2.78		970.0			Marquise Mining Corp.	32870102
BCMS-104	SW-127	5/21/87	1	198	7.70	7.90	58.0			0.20		<0.1		35.0			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	7/16/87	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	8/12/87	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	9/8/87	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	1/21/88	7	117	6.70	6.40	26.0			0.10		<0.1		30.0			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	3/30/88	23	157	6.60	6.90	30.0			<0.1		<0.1		28.0			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	10/13/88	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	2/27/89	195	224		7.90	47.0			0.05		0.01		28.0			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	6/7/89	956	298		6.20	12.0	11.0		4.88		0.09		130.0			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	9/27/89	1	315	7.50	7.53	93.0	2.6		0.93		0.24		25.2			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	12/19/89	1	668	7.00	6.86	35.0	5.7		1.12		0.13		21.7			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	3/6/90	3	266	7.60	7.64	69.0	2.9		0.13		<0.02		25.3			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	6/11/90	6	218	8.00	7.99	58.8	1.0		<0.04		<0.02		23.4			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	8/15/90	1	265	7.60	7.56	80.7	3.8		<0.04		<0.02		21.3			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	10/10/90	0	301	7.50	7.48	119.6	4.7		0.15		0.03		20.8			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	1/7/91	152	153	7.10	7.22	25.1	2.2		0.34		0.07		33.1			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	4/16/91	22	206	6.80	6.66	34.2	8.7		0.51		0.13		29.6			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	7/22/91	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	10/31/91	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	1/3/92	5	201	6.70	6.79	23.2	7.8		0.33		0.18		34.3			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	4/8/92	7	173	4.10	6.64	14.8	9.5		0.31		0.04		29.5			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	8/14/92	4	309	7.20	7.48	84.9	5.9		0.12		0.03		28.9			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	12/2/92	2	164	7.00	6.67	23.4	2.3		0.05		<0.02		30.6			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	1/5/93	43	176	7.30	6.73	21.9	2.7		0.22		0.07		23.6			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	6/10/93	3	337	5.70	7.76	142.4	4.5		0.09		<0.02		28.6			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	7/29/93	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	11/2/93	15	0	6.00	7.49	49.2	3.8		0.37		0.02		26.9			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	3/31/94	15	187	7.20	7.50	61.5	2.0		0.08		0.02		84.4			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	6/9/94		322													M.B. Energy, Inc.	32880104
BCMS-104	SW-127	9/29/94	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	12/1/94	2	0	5.90	7.27	48.3	1.6		<0.04		<0.02		50.9			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	2/13/95		263													M.B. Energy, Inc.	32880104

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-104	SW-127	5/19/95	31	253	7.00	7.13	49.0	2.3		0.35		0.03		38.8			M.B. Energy, Inc.	32880104
BCMS-104	SW-127	8/17/95	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	11/6/95	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	3/5/96	0														M.B. Energy, Inc.	32880104
BCMS-104	SW-127	5/10/96	0														M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	5/6/86	50	785	3.40	3.30	0.0	85.0		4.20		3.90		320.0			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	6/26/86	20	817	3.30	3.20	0.0	102.0		8.60		4.20		380.0			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	7/30/86	12	882	3.10	3.20	0.0	103.0		7.00		4.40		350.0			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	7/30/86	12	882	3.10	3.20	0.0	103.0		7.00		4.40		350.0			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	8/28/86	14	1520	3.70	3.90	0.0	41.0		6.40		1.00		880.0			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	8/28/86	0														M.B. Energy, Inc.	32880106
BCMS-105	MD-131	9/22/86	12	966	3.10	3.10	0.0	130.0		9.50		4.50		410.0			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	9/22/86	12	966	3.10	3.10	0.0	130.0		9.50		4.50		410.0			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	10/30/86	10	866	2.10	3.20	0.0	116.0		9.10		4.90		400.0			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	2/20/87	2	652	3.40	3.40	0.0	69.0		4.40		3.20		270.0			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	5/13/87	140	560	3.10	3.40	0.0	51.0		2.00		2.50		210.0			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	8/17/88	27	987	3.00	3.10	0.0	150.0		9.99		4.91		470.0			M.B. Energy, Inc.	32880104
BCMS-105	MD-131	2/27/89	130	499		3.60	0.0	52.0		2.41		2.56		200.0			M.B. Energy, Inc.	32880104
BCMS-105	MD-131	6/7/89	1147	2800		3.00	0.0	1004.0		3.60		7.41		1800.0			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	6/7/89	1147	2800		3.00	0.0	1004.0		3.60		7.41		1800.0			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	9/27/89	31	851	3.40	3.18	0.0	105.1		7.55		3.38		277.8			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	9/27/89	31	851	3.40	3.18	0.0	105.1		7.55		3.38		277.8			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	12/19/89	17	912	3.30	3.19	0.0	104.4		10.28		4.08		326.9			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	12/19/89	17	912	3.30	3.19	0.0	104.4		10.28		4.08		326.9			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	3/6/90	27	590	3.60	3.36	0.0	49.2		2.24		2.26		208.8			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	6/11/90	32	484	3.60	3.49	0.0	40.3		6.88		5.01		174.7			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	8/15/90	28	790	3.30	3.13	0.0	84.2		4.14		2.83		269.8			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	10/10/90	34	918	3.30	3.05	0.0	101.3		6.92		3.04		355.2			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	10/10/90	34	918	3.30	3.05	0.0	101.3		6.92		3.04		355.2			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	1/7/91	52	416	3.30	3.52	0.0	39.3		1.25		1.03		149.8			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	1/7/91	52	416	3.50	3.52	0.0	39.3		1.25		1.03		149.8			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	4/16/91	36	402	4.00	3.58	0.0	33.1		1.01		1.33		154.7			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	7/22/91	32	884	3.30	3.02	0.0	91.5		4.79		2.53		309.2			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	7/22/91	32	884	3.30	3.02	0.0	91.5		4.79		2.53		309.2			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	10/31/91	7	1070	3.40	3.18	0.0	144.9		12.06		3.93		438.8			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	1/3/92	17	814	3.70	3.28	0.0	104.3		4.06		3.04		333.2			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	4/8/92	46	454	3.80	3.64	0.0	136.3		1.18		1.42		160.4			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	8/14/92	52	839	3.40	3.22	0.0	101.7		4.54		2.53		268.3			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	8/14/92	52	839	3.40	3.22	0.0	101.7		4.54		2.53		268.3			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	12/2/92	6	837	3.10	3.19	0.0	113.0		6.35		2.99		317.4			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	12/2/92	6	837	3.10	3.19	0.0	113.0		6.35		2.99		317.4			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	1/5/93	66	583	3.00	3.43	0.0	61.7		2.29		1.77		211.6			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	6/10/93	120	444	3.50	3.52	0.0	43.7		1.20		1.58		169.9			M.B. Energy, Inc.	32880106
BCMS-105	MD-131	7/29/93	38	147	3.40	4.69	<1.0	9.3		3.48		1.14		37.8			M.B. Energy, Inc.	32880104
BCMS-105	MD-8-11	7/29/93	29	145	3.40	4.71	<1.0	12.0		3.44		1.19		39.2			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	11/2/93	20	777	3.90	3.31	0.0	102.0		6.67		2.82		283.4			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	2/10/94	37	442	4.90	3.48	0.0	41.3		1.60		1.64		165.6			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	6/9/94	289	1499	4.70	3.68	0.0	57.5		11.62		2.41		775.0			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	7/13/94	0														M.B. Energy, Inc.	32880106

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field pH	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					S.U.	S.U.												
BCMS-105	MD-8-11	12/1/94	6	664	3.20	3.42	0.0	64.4		2.83		1.90		250.4			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	2/13/95	6	603	4.20	3.43	0.0	71.9		2.71		1.93		209.7			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	6/2/95	7	621	5.00	3.44	0.0	78.3		1.47		2.07		218.8			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	8/17/95	0														M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	11/6/95	9	866	3.50	3.17	0.0	93.7		7.01		2.75		288.3			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	3/5/96	20	448	4.00	3.56	0.0	36.7		1.23		1.43		160.9			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	5/10/96	40	401	4.00	3.64	0.0	36.5		0.73		1.07		149.5			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	7/8/96	15	504	4.00	3.46	0.0	52.4		1.49		1.58		171.3			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	10/3/96	8	513	4.50	3.43	0.0	58.4		2.12		1.32		173.8			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	3/19/97	65	602	4.00	4.16	0.0	48.5		0.76		1.07		136.8			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	5/6/97		443	4.00	3.63	0.0	38.9		0.06		1.26		149.5			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	8/18/97	35	549	4.00	3.47	0.0	40.4		3.21		1.64		202.5			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	12/27/97	25	452	4.00	3.71	0.0	34.4		1.01		1.39		170.3			M.B. Energy, Inc.	32880106
BCMS-105	MD-8-11	3/24/98	35	459	4.50	3.81	0.0	53.2		1.06		1.11		179.6			M.B. Energy, Inc.	32880106
BCMS-105	101066	6/1/02		1050		4.79	2.4	15.2		1.21		0.28	2.09	590.0	4		ICCD - Multi County	
BCMS-106	BCS-4866A	11/29/73	4			2.50	0.0	580.0		14.00	0.00			600.0			Blacklick Scarlift	
BCMS-106	BCS-4866A	12/28/73	30			2.60	0.0	900.0		16.40	0.00			750.0			Blacklick Scarlift	
BCMS-106	BCS-4866A	1/29/74	10			2.70	0.0	400.0		22.70	0.00			575.0			Blacklick Scarlift	
BCMS-106	BCS-4866A	2/14/74	5			2.50	0.0	540.0		26.40	0.00			525.0			Blacklick Scarlift	
BCMS-106	BCS-4866A	3/12/74	22			2.70	0.0	400.0		13.70	0.00			525.0			Blacklick Scarlift	
BCMS-106	BCS-4866A	4/9/74	8			2.80	0.0	460.0		28.50	0.00			575.0			Blacklick Scarlift	
BCMS-106	BCS-4866A	5/7/74	4			2.70	0.0	500.0		20.10	0.00			625.0			Blacklick Scarlift	
BCMS-106	BCS-4866A	6/17/74	4			2.60	0.0	300.0		17.40	0.00			800.0			Blacklick Scarlift	
BCMS-106	BCS-4866A	7/29/74	1			2.70	0.0	500.0		15.00	0.00			850.0			Blacklick Scarlift	
BCMS-106	BCS-4866A	8/22/74	0														Blacklick Scarlift	
BCMS-106	BCS-4866A	9/10/74	6			2.70	0.0	520.0		12.70	0.00			650.0			Blacklick Scarlift	
BCMS-106	MD-135	5/13/86	1	2020	2.40	2.50	0.0	705.0		110.00		2.20		970.0			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	6/26/86	25	2140	2.60	2.50	0.0	799.0		120.00		1.90		1100.0			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	7/30/86	112	2250	2.40	2.50	0.0	763.0		130.00		2.00		950.0			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	8/28/86	60	2360	2.50	2.50	0.0	888.0		140.00		1.70		1100.0			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	9/22/86	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	7/15/87	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	8/17/88	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	2/27/89	31	1960		2.80	0.0	809.0		140.00		2.14		880.0			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	6/7/89	73	2070		2.60	0.0	581.0		97.30		2.05		810.0			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	9/27/89	8	1901	2.80	2.51	0.0	524.9		68.40		1.20		326.6			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	12/19/89		2140	7.00	7.02	34.7	7.8		87.20		1.75		740.7			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	3/6/90	3	2130	3.00	2.47	0.0	533.7		49.00		3.30		660.6			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	6/11/90	5	2030	2.70	2.47	0.0	468.9		40.90		2.01		662.0			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	8/15/90	5	2140	2.70	2.42	0.0	518.5		43.80		2.50		606.2			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	10/10/90	3	2170	2.60	2.44	0.0	1289.0		39.30		2.79		771.5			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	1/7/91	4	1903	2.50	2.52	0.0	456.4		38.00		2.16		666.6			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	4/16/91	4	1818	3.00	2.53	0.0	1040.0		28.36		1.88		683.3			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	7/22/91	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	10/31/91	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	1/3/92	1	2280	3.40	2.52	0.0	1069.0		194.56		3.45		1438.8			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	4/8/92	4	2120	3.80	2.88	0.0	570.4		64.60		1.77		785.9			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	8/14/92	3	1981	3.20	2.55	0.0	570.7		75.90		1.28		703.6			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	1/5/93	5	1022	3.00	2.58	0.0	578.7		96.50		1.10		691.9			M.B. Energy, Inc.	32880104

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-106	MD-135	6/10/93	15	1673	2.90	2.63	0.0	388.5		52.60		0.87		647.4			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	7/29/93	6	1759	2.90	2.66	0.0	438.5		60.40		1.03		739.2			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	11/2/93	3	1961	3.30	2.64	0.0	500.5		52.40		1.42		753.3			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	3/31/94	6	1673	3.20	2.69	0.0	343.9		41.20		1.01		714.4			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	6/9/94	2	2150	3.50	2.67	0.0	462.3		45.20		1.16		1039.6			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	9/29/94	1	2330	3.50	2.58	0.0	510.9		55.00		1.07		1076.8			M.B. Energy, Inc.	32880104
BCMS-106	MD-135	12/1/94	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	2/13/95	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	5/19/95	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	8/17/95	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	11/6/95	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	3/5/96	0														M.B. Energy, Inc.	32880104
BCMS-106	MD-135	5/10/96	0														M.B. Energy, Inc.	32880104
BCMS-109	MD-8-14	5/6/86	15	1799	2.80	2.80	0.0	701.0		180.00		8.80		910.0			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	6/26/86	10	1385	2.70	3.00	0.0	603.0		190.00		4.20		780.0			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	7/30/86	17	1990	2.70	2.80	0.0	757.0		220.00		6.10		1000.0			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	8/26/86	10	1990	2.80	3.00	0.0	1132.0		370.00		6.10		1500.0			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	9/22/86	1	2180	3.90	3.60	0.0	175.0		57.00		3.00		790.0			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	10/30/86	15	1006	2.20	3.00	0.0	395.0		150.00		3.00		490.0			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	5/13/87	127	1480	2.70	2.90	0.0	572.0		190.00		3.50		660.0			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	9/27/89	9	1020	3.00	2.82	0.0	232.1		41.20		1.49		282.5			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	12/19/89	5	1377	3.00	2.80	0.0	304.8		90.10		2.45		479.3			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	3/6/90	17	3550	2.90	2.50	0.0	2091.0		772.00		30.56		2500.2			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	6/11/90	63	1370	3.00	2.71	0.0	257.1		111.80		2.00		431.9			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	8/15/90	8	2800	2.80	2.48	0.0	1196.0		324.40		4.66		1724.1			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	10/10/90	4	1609	2.90	2.64	0.0	740.0		111.02		0.33		554.9			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	1/7/91	11	2280	2.50	2.57	0.0	849.7		240.80		3.82		1303.8			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	4/16/91	72	2590	3.10	2.47	0.0	854.5		293.50		4.12		1396.8			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	7/22/91	18	2730	2.90	2.50	0.0	1044.0		300.50		3.89		1672.8			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	10/31/91	3	1916	3.00	2.67	0.0	1279.0		179.25		5.11		988.9			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	1/3/92	16	676	4.00	3.42	0.0	149.6		23.60		1.25		207.4			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	4/8/92	31	2370	4.00	2.73	0.0	887.9		210.20		3.47		1318.2			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	8/14/92	36	2290	3.00	2.62	0.0	1033.0		305.50		3.55		1362.1			M.B. Energy, Inc.	32880106
BCMS-109	MD-8-14	12/2/92	15	2410	3.00	2.68	0.0	1082.0		374.50		4.76		1543.2			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	5/5/86	25	167	7.70	7.60	33.0			0.20		<0.1		39.0			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	6/26/86	7	202	7.80	8.00	50.0			0.70		0.30		53.0			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	7/30/86	37	204	6.10	7.90	41.0			0.60		0.30		50.0			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	8/28/86	1	282	6.00	7.40	26.0			2.80		0.80		130.0			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	9/22/86	1	231	7.60	7.90	54.0			0.70		0.10		66.0			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	10/30/86	37	243	6.60	7.50	39.0			0.30		0.50		81.0			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	5/14/87	306	178	7.00	7.90	37.0			0.40		0.10		52.0			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	6/7/89	1010	189		6.70	42.0			0.95		0.14		50.0			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	9/27/89	14	265	7.60	7.54	60.7	3.2		0.53		0.10		54.6			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	12/19/89	3	268	7.00	6.94	40.0	2.7		1.56		0.18		32.3			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	3/6/90	32	224	7.20	7.29	31.1	2.6		1.60		0.13		56.0			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	6/11/90	58	211	8.00	8.06	37.9	<1.0		0.64		0.07		50.6			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	8/15/90	4	323	7.50	7.43	61.0	4.4		4.73		0.29		81.5			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	10/10/90	14	341	7.60	7.60	61.9	2.1		0.71		0.08		102.8			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	1/7/91	116	190	7.10	7.16	25.1	2.1		0.20		0.03		50.9			M.B. Energy, Inc.	32880106

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-110	MD-33-10	4/16/91	47	217	6.70	6.79	33.5	3.3		0.53		0.07		62.6			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	7/22/91	0														M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	10/31/91	1	224	7.50	7.57	36.3	4.7		0.37		0.05		61.2			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	1/3/92	3	290	7.10	7.13	49.8	3.6		0.40		0.03		102.6			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	4/8/92	66	222	6.30	6.81	40.3	3.0		0.19		0.02		60.4			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	8/14/92	5	321	7.70	7.61	48.3	8.8		1.12		0.26		98.9			M.B. Energy, Inc.	32880106
BCMS-110	MD-33-10	12/2/92	9	328	7.80	7.69	46.0	2.6		0.39		0.08		110.7			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	5/5/86	300	2850	2.80	3.00	0.0	1182.0		360.00		7.20		2200.0			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	6/26/86	112	3130	2.90	3.10	0.0	1519.0		500.00		8.10		2400.0			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	7/30/86	56	3140	2.90	3.00	0.0	1347.0		480.00		8.20		2400.0			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	8/28/86	70	3270	2.80	3.00	0.0	1577.0		540.00		8.30		3000.0			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	9/22/86	350	3010	3.40	3.00	0.0	1378.0		420.00		7.60		2300.0			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	10/30/86	563	3150	1.90	3.00	0.0	1477.0		510.00		9.50		2000.0			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	5/14/87	43	2990	2.70	2.80	0.0	1198.0		340.00		6.90		1900.0			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	6/7/89	367	544		3.50	0.0	48.0		2.62		2.37		200.0			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	9/27/89	212	3410	3.00	2.75	0.0	1433.3		509.60		9.02		2401.4			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	12/19/89	26	3250	2.90	2.61	0.0	1283.0		710.00		9.00		1898.2			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	3/6/90	108	2750	2.80	2.57	0.0	851.2		557.00		6.04		1463.2			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	6/11/90	158	2550	2.80	2.57	0.0	825.1		0.95		1.65		1622.6			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	8/15/90	84	3670	2.70	2.44	0.0	1434.0		504.00		9.04		2349.0			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	10/10/90	142	3430	2.70	2.48	0.0	3282.0		923.00		8.12		2167.9			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	1/7/91	102	2020	2.50	2.61	0.0	474.4		328.50		3.24		909.4			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	4/16/91	117	2590	3.00	2.45	0.0	611.6		337.00		4.29		1246.9			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	7/22/91	46	3500	2.90	2.48	0.0	1186.0		735.00		6.85		2217.7			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	10/31/91	42	2930	3.10	2.45	0.0	2869.0		824.00		7.13		1917.8			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	1/3/92	186	2420	3.10	2.86	0.0	777.9		557.00		4.77		1474.8			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	4/8/92	250	2100	3.20	2.74	0.0	542.9		213.00		3.55		1049.3			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	8/14/92	150	2690	3.30	2.72	0.0	998.7		501.50		6.14		1647.4			M.B. Energy, Inc.	32880106
BCMS-111	MD-33-11	12/2/92	32	2400	3.00	2.79	0.0	781.2		427.50		5.66		1488.3			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	5/5/86	75	2950	2.60	2.70	0.0	1596.0		310.00		6.10		2100.0			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	6/26/86	28	3160	2.50	2.50	0.0	1885.0		350.00		6.00		2000.0			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	7/30/86	112	3260	2.50	2.50	0.0	1890.0		390.00		6.60		2700.0			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	8/28/86	18	3400	2.30	2.50	0.0	2332.0		470.00		6.40		2800.0			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	9/22/86	12	3580	2.80	2.50	0.0	2406.0		440.00		6.40		2500.0			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	10/30/86	450	3360	1.30	2.50	0.0	2590.0		540.00		8.20		2200.0			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	5/13/87	450	2670	2.50	2.60	0.0	1452.0		300.00		5.80		910.0			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	6/7/89	1913	2840		2.70	0.0	1352.0		320.00		7.23		1900.0			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	9/27/89	22	3240	2.70	2.48	0.0	1783.3		396.50		6.30		2177.7			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	12/19/89	53	2960	2.80	2.59	0.0	1500.0		503.50		6.43		1841.6			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	3/6/90	76	2920	2.80	2.53	0.0	1205.0		472.50		5.62		1598.2			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	6/11/90	116	2730	2.80	2.50	0.0	1156.0		522.00		4.94		1711.8			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	8/15/90	42	2910	2.80	2.46	0.0	1266.0		597.00		4.91		1685.3			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	10/10/90	62	2870	2.80	2.51	0.0	3308.0		589.00		4.62		1956.9			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	1/7/91	55	2220	2.40	2.58	0.0	784.5		335.00		3.76		1258.6			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	4/16/91	58	2680	3.00	2.47	0.0	897.6		294.50		4.38		1516.8			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	7/22/91	32	2740	3.00	2.53	0.0	1099.0		377.00		3.52		1648.8			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	10/31/91	4	3070	3.20	2.36	0.0	4316.0		523.50		5.39		2421.7			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	1/3/92	66	2400	3.00	2.72	0.0	1170.0		442.50		3.58		1552.8			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	4/8/92	87	2370	3.90	2.59	0.0	923.1		336.00		3.47		1329.2			M.B. Energy, Inc.	32880106

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-112	MD-33-14	8/14/92	96	2420	3.20	4.21	0.0	1177.0		337.50		4.19		1526.7			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	12/2/92	46	2410	3.00	2.66	0.0	1041.0		337.00		4.69		1576.1			M.B. Energy, Inc.	32880106
BCMS-112	MD-33-14	12/2/97		0		2.80	0.0	904.0		156.00		3.48	50.10	1202.7			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	10/28/88	1	334	8.00	7.60	112.0			0.06		0.02		62.0			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	12/15/88	2	266	8.40	7.90	83.0			0.47		0.04		92.0			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	1/19/89	25	255	6.80	6.90	56.0			0.04		0.01		53.0			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	2/16/89	25	217	7.10	7.60	30.0			0.52		0.03		57.0			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	3/15/89	30	244	7.60	7.70	47.0			0.21		0.02		55.0			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	4/27/89	2	241	7.10	6.80	62.0			0.01		<0.01		59.0			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	6/7/89	295	255		6.20	14.0			10.40		0.24		70.0			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	9/27/89	0														M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	12/19/89	0														M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	2/1/90	10	245	7.50	7.38	48.2	2.0		<0.04		<0.02		55.7			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	3/6/90	5	271	7.50	7.64	58.1	2.2		0.36		0.04		56.8			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	6/11/90	43	174	7.80	7.83	23.0	<1.0		0.11		<0.02		43.5			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	8/15/90	3	282	7.70	7.68	83.3	4.0		1.36		0.12		49.6			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	10/10/90	3	328	7.70	7.78	95.0	3.0		1.26		0.07		64.3			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	1/7/91	47	257	7.40	7.56	53.9	2.3		1.83		0.20		67.9			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	4/16/91	28	170	6.80	6.80	22.4	1.1		0.19		0.03		45.3			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	7/22/91	1	243	8.00	8.07	116.6	2.5		0.14		0.02		58.8			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	10/31/91	0														M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	1/3/92	7	238	6.80	7.32	62.6	2.8		0.04		<0.02		66.2			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	4/8/92	29	189	6.70	6.87	22.5	1.0		0.70		0.02		53.6			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	8/14/92	1	231	7.90	7.63	45.4	3.3		0.08		<0.02		55.8			M.B. Energy, Inc.	32880106
BCMS-113	MD-33-58	12/2/92	4	213	6.00	7.04	30.1	1.7		0.05		<0.02		56.5			M.B. Energy, Inc.	32880106
BCMS-114	WQN0814	1/10/85	116696	570	4.80	4.70	1.0		56.0	12.54		1.30	5.46	288.0	422		STORET	
BCMS-114	WQN0814	2/25/85	1337517	250		4.70	2.0		28.0	15.95		0.61	6.39	67.0	208		STORET	
BCMS-114	WQN0814	3/2/85	236085														STORET	
BCMS-114	WQN0814	3/6/85		360	4.80	4.70	2.0		42.0	6.38		0.73	3.91	140.0	302		STORET	
BCMS-114	WQN0814	4/25/85	115799	720	3.80	3.90	0.0		62.0	8.47		1.32	2.65	346.0	568		STORET	
BCMS-114	WQN0814	5/15/85	85278	690	3.80	3.80			78.0	2.04		1.48	9.13	306.0	506		STORET	
BCMS-114	WQN0814	6/13/85	64632	940	4.10	4.10			64.0	5.36		1.30	6.12	576.0	800		STORET	
BCMS-114	WQN0814	7/24/85	38600	1070		4.00			52.0	3.84		1.84	4.89	447.0	814		STORET	
BCMS-114	WQN0814	8/12/85	26930	1640	3.60	3.80			46.0	2.00		1.59	3.49	861.0	1406		STORET	
BCMS-114	WQN0814	9/3/85	20646	16120	3.50	3.60			58.0	1.77		2.40	4.56	834.0	1256		STORET	
BCMS-114	WQN0814	10/1/85	20646	1850		3.80			44.0	1.99		1.61	2.16	984.0	1546		STORET	
BCMS-114	WQN0814	11/19/85	405744	330	4.00	4.10			42.0	9.50		0.76	3.52	119.0	206		STORET	
BCMS-114	WQN0814	11/27/85	0														STORET	
BCMS-114	WQN0814	12/2/85	136894	390	3.60	3.90			46.0	7.70		0.93	5.01	142.0	274		STORET	
BCMS-114	WQN0814	1/2/86	53860	930		3.70			84.0	10.00		1.44	7.42	414.0	652		STORET	
BCMS-114	WQN0814	2/27/86	188509	490	4.50	4.40	0.0		46.0	9.60		0.91	5.06	202.0	304		STORET	
BCMS-114	WQN0814	3/11/86	1063730	320	4.80	4.60	<2		38.0	8.00		0.57	5.86	68.0	216		STORET	
BCMS-114	WQN0814	4/10/86	109964	616	4.90	4.60	2.0		42.0	9.80		1.17	4.94	252.0	436		STORET	
BCMS-114	WQN0814	5/7/86	42190	800	4.50	4.10			48.0	12.80		1.34	5.91	405.0	656		STORET	
BCMS-114	WQN0814	6/24/86	48474	790	5.00	3.70			46.0	3.90		1.22	3.66	294.0	538		STORET	
BCMS-114	WQN0814	7/1/86	30969	1153	4.50	3.60			64.0	1.85		1.59	5.25	577.0	938		STORET	
BCMS-114	WQN0814	8/6/86	34111	1271	3.90	3.60			86.0	2.32		1.65	6.50	648.0	984		STORET	
BCMS-114	WQN0814	9/24/86	29174	1460	4.10	3.70			80.0	0.76		1.76	4.41	797.0	1154		STORET	
BCMS-114	WQN0814	10/16/86	85278	490	4.50	4.40			42.0	5.77		1.01	3.61	228.0	358		STORET	



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	
BCMS-114	3042000	11/3/86	53860	960	3.70	3.70		1.5	58.0	4.73		1.43	5.22		780		USGS	
BCMS-114	WQN0814	11/4/86	46679	940	4.10	3.80			78.0	10.20		1.51	6.27	455.0	712		STORET	
BCMS-114	WQN0814	12/9/86	0														STORET	
BCMS-114	WQN0814	12/11/86	342907	296	4.30	4.60	2.0		46.0	4.48		0.61	2.34	119.0	172		STORET	
BCMS-114	WQN0814	1/15/87	89317	585	4.30	4.60	2.0		76.0	14.70		1.27	6.09	238.0	474		STORET	
BCMS-114	WQN0814	2/23/87	67325	860	5.00	4.80	2.0		42.0	16.70		1.38	5.43	401.0	626		STORET	
BCMS-114	WQN0814	3/9/87	402153	260	5.20	4.90	2.0		12.0	9.30		0.62	3.71	100.0	172		STORET	
BCMS-114	WQN0814	4/13/87	305205	320	4.70	4.60	2.0		28.0	6.50		0.70	3.68	126.0	204		STORET	
BCMS-114	3042000	5/11/87	120736	570	4.30	4.40		0.9	52.0	6.70		0.95	3.74	280.0	454		USGS	
BCMS-114	3042000	10/19/87	43088	800	4.80	4.50			58.0	9.60		1.44	3.37		596		USGS	
BCMS-114	3042000	5/31/88	75404	620	4.00	3.90			42.0	5.42		1.09	4.03		480		USGS	
BCMS-114	3042000	8/18/88	34111	1430	3.50	3.60			46.0	0.77		1.60	2.71		1200		USGS	
BCMS-115	900435	6/1/02	120	1350		3.20	1.0	311.0		61.40		2.51	26.20	715.0	14		ICCD - Multi County	
BCMS-116	BCS-5028	10/24/73				2.60	0.0	1200.0		162.40	0.00			974.0			Blacklick Scarlift	
BCMS-116	BCS-5028	11/20/73				2.60	0.0	880.0		55.40	1.10			975.0			Blacklick Scarlift	
BCMS-116	BCS-5028	12/19/73				2.80	0.0	900.0		31.00	0.00			400.0			Blacklick Scarlift	
BCMS-116	BCS-5028	1/23/74				2.70	0.0	300.0		24.00	0.00			390.0			Blacklick Scarlift	
BCMS-116	BCS-5028	2/12/74				2.70	0.0	400.0		30.00	0.00			250.0			Blacklick Scarlift	
BCMS-116	BCS-5028	3/7/74				2.70	0.0	314.0		24.50	0.00			350.0			Blacklick Scarlift	
BCMS-116	BCS-5028	4/5/74				2.70	0.0	400.0		26.70	0.00			250.0			Blacklick Scarlift	
BCMS-116	BCS-5028	5/3/74				2.70	0.0	400.0		24.90	0.00			325.0			Blacklick Scarlift	
BCMS-116	BCS-5028	6/12/74				2.80	0.0	550.0		29.70	0.00			425.0			Blacklick Scarlift	
BCMS-116	BCS-5028	7/26/74	4			2.20	0.0	600.0		41.80	16.80			625.0			Blacklick Scarlift	
BCMS-116	BCS-5028	8/12/74	2			2.70	0.0	1300.0		42.90	0.00			775.0			Blacklick Scarlift	
BCMS-116	BCS-5028	9/4/74				2.60	0.0	1300.0		57.00	0.00			1100.0			Blacklick Scarlift	
BCMS-116	900436	6/1/02	150	1660		3.13	1.0	456.0		105.50		5.06	34.00	1015.0	8		ICCD - Multi County	
BCMS-117	900437	6/1/02	35	3250		2.68	1.0	1570.0		343.00		4.92	112.20	2525.0	14		ICCD - Multi County	
BCMS-118	900438	6/1/02	6	1800		3.17	1.0	675.0		256.00		4.48	47.10	1205.0	35		ICCD - Multi County	
BCMS-119	900439	6/1/02	5	1000		3.24	1.0	244.0		17.80		1.24	27.20	450.0	47		ICCD - Multi County	
BCMS-120	900440	6/1/02	600	1200		3.42	1.0	54.0		83.20		1.98	14.90	582.0	4		ICCD - Multi County	
BCMS-121	900441	6/1/02		350		6.80	41.0	1.0		0.79		0.18	0.29	109.0	3		ICCD - Multi County	
BCMS-122	1200142	6/1/02		167		6.70	24.0	1.0		0.55		0.53	0.10	33.5	1		ICCD - Multi County	
BCMS-123	1200141	6/1/02		540		6.50	115.0	1.0		20.20		1.59	0.10	162.0	10		ICCD - Multi County	
BCMS-125	301010	6/1/02	50	740		4.35	1.0	14.8		0.36		1.90	1.93	408.0	12		ICCD - Multi County	
BCMS-126	301011	6/1/02	50	640		4.96	1.6	7.2		0.14		0.95	0.77	385.0	8		ICCD - Multi County	
BCMS-127	301012	6/1/02	70	700		4.28	1.0	49.0		0.12		2.24	9.48	388.0	10		ICCD - Multi County	
BCMS-128	301013	6/1/02	50	940		7.66	207.0	1.0		0.03		0.04	0.10	370.0	4		ICCD - Multi County	
BCMS-129	301014	6/1/02	50	900		6.93	201.0	1.0		0.02		0.07	0.10	335.0	1		ICCD - Multi County	
BCMS-130	301015	6/1/02	5	525		6.97	131.0	1.0		0.08		0.04	0.10	173.0	32		ICCD - Multi County	
BCMS-131	301016	6/1/02	15	500		6.81	87.0	1.0		0.03		0.02	0.10	200.0	3		ICCD - Multi County	
BCMS-132	301017	6/1/02	500	775		3.11	1.0	111.6		10.20		1.06	12.30	335.0	2		ICCD - Multi County	
BCMS-133	1200376	6/1/02		1690		2.72	1.0	534.0		91.20		6.50	36.50	955.0	2		ICCD - Multi County	
BCMS-134	1200377	6/1/02		900		3.18	1.0	144.0		19.10		5.60	9.33	378.0	29		ICCD - Multi County	
BCMS-135	900163	6/1/02		0		6.33	19.2	1.0		0.00		0.00	0.00	20.1	14		ICCD - Multi County	
BCMS-136	900164	6/1/02		0		5.87	11.2	12.4		0.00		0.00	0.00	15.4	13		ICCD - Multi County	
BCMS-137	900165	6/1/02		0		6.26	10.0	1.0		0.00		0.00	0.00	20.2	3		ICCD - Multi County	
BCMS-138	900166	6/1/02		0		6.22	75.0	1.0		0.00		0.00	0.00	204.2	1		ICCD - Multi County	
BCMS-139	900167	6/1/02		0		6.46	20.0	3.6		0.00		0.00	0.00	69.8	8		ICCD - Multi County	
BCMS-140	900168	6/1/02		0		6.02	20.0	1.0		0.00		0.00	0.00	73.6	17		ICCD - Multi County	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-141	900169	6/1/02		0		6.52	24.0	1.0		0.00		0.00	0.00	27.4	17		ICCD - Multi County	
BCMS-142	900170	6/1/02		0		6.27	11.0	1.2		0.00		0.00	0.00	22.6	7		ICCD - Multi County	
BCMS-143	900277	6/1/02		1100		4.69	1.6	10.4		1.01		9.00	0.74	630.0	3		ICCD - Multi County	
BCMS-144	900278	6/1/02		500		6.96	39.2	1.0		0.14		0.13	0.10	234.0	2		ICCD - Multi County	
BCMS-145	900279	6/1/02		510		6.52	17.6	1.0		0.30		0.38	0.13	249.0	20		ICCD - Multi County	
BCMS-146	900280	6/1/02		1210		6.94	128.0	1.0		8.60		0.36	0.10	468.0	19		ICCD - Multi County	
BCMS-147	900281	6/1/02		1200		7.42	119.0	1.0		0.24		0.57	0.10	530.0	48		ICCD - Multi County	
BCMS-148	900282	6/1/02		120		6.08	14.4	1.0		0.00		0.00	0.00	16.6	46		ICCD - Multi County	
BCMS-149	900283	6/1/02		850		6.86	28.4	1.0		0.00		0.00	0.00	192.1	8		ICCD - Multi County	
BCMS-151	900302	6/1/02		70		6.22	8.0	1.0		0.00		0.00	0.00	21.2	17		ICCD - Multi County	
BCMS-152	900303	6/1/02		167		7.18	18.0	1.0		0.00		0.00	0.00	31.3	4		ICCD - Multi County	
BCMS-154	900305	6/1/02		168		7.12	18.8	1.0		0.00		0.00	0.00	33.7	3		ICCD - Multi County	
BCMS-155	1000135	6/1/02		650		7.81	150.0	1.0		0.26		0.02	0.42	88.0	2		ICCD - Multi County	
BCMS-156	1000136	6/1/02		425		5.66	24.0	1.0		0.10		0.59	0.40	146.0	6		ICCD - Multi County	
BCMS-157	1000137	6/1/02		350		5.93	22.0	1.0		0.21		0.20	0.16	100.0	3		ICCD - Multi County	
BCMS-158	1000138	6/1/02		450		6.30	17.0	1.0		0.19		0.99	0.23	195.0	12		ICCD - Multi County	
BCMS-159	1000139	6/1/02		250		6.40	29.0	1.0		0.00		0.00	0.00	76.0	19		ICCD - Multi County	
BCMS-161	301487	6/1/02	10	1210		4.67	2.4	242.0		138.00		14.40	3.91	728.0	114		ICCD - Multi County	
BCMS-162	301488	6/1/02	5	275		4.24	1.0	10.4		0.04		1.14	0.78	104.0	3		ICCD - Multi County	
BCMS-163	301489	6/1/02	10	1000		5.39	14.0	108.0		224.40		10.30	0.14	408.0	234		ICCD - Multi County	
BCMS-164	301490	6/1/02	50	1375		2.90	1.0	186.0		30.80		24.60	8.06	570.0	4		ICCD - Multi County	
BCMS-165	301491	6/1/02	3	1000		6.15	82.0	1.0		729.80		2.99	3.42	460.0	1660		ICCD - Multi County	
BCMS-166	301492	6/1/02	5	500		6.14	4.8	8.4		5.12		1.68	1.73	192.0	9		ICCD - Multi County	
BCMS-167	301493	6/1/02	875	400		7.06	19.6	1.0		0.57		0.74	1.24	134.0	15		ICCD - Multi County	
BCMS-168	301494	6/1/02	3860	360		4.13	1.0	9.2		0.39		1.19	1.06	146.0	2		ICCD - Multi County	
BCMS-169	701042	6/1/02	98	1140		3.23	1.0	102.0		3.28		18.50	11.90	593.0	7		ICCD - Multi County	
BCMS-170	701039	6/1/02	799	550		6.93	94.0	1.0		0.41		0.93	0.10	167.0	6		ICCD - Multi County	
BCMS-171	701040	6/1/02	5	940		5.67	122.0	1.0		35.60		9.30	0.11	370.0	63		ICCD - Multi County	
BCMS-172	701041	6/1/02	5	640		2.95	1.0	55.0		21.80		4.42	0.46	243.0	36		ICCD - Multi County	
BCMS-173	701046	6/1/02	250	1000		3.48	1.0	67.0		0.84		11.90	8.82	553.0	9		ICCD - Multi County	
BCMS-174	701047	6/1/02	300	750		5.70	30.0	59.0		47.10		7.10	0.01	335.0	31		ICCD - Multi County	
BCMS-175	701048	6/1/02	50	700		4.70	2.4	27.2		5.70		8.40	3.36	335.0	34		ICCD - Multi County	
BCMS-176	701049	6/1/02	75	450		3.77	1.0	26.4		0.53		4.68	2.61	188.0	3		ICCD - Multi County	
BCMS-177	701050	6/1/02	35	790		3.68	1.0	34.4		0.07		6.90	3.64	358.0	6		ICCD - Multi County	
BCMS-178	701051	6/1/02	60	8		6.61	15.2	1.0		0.43		5.90	0.58	385.0	10		ICCD - Multi County	
BCMS-179	701052	6/1/02	50	7600		12.10	1824.0	1.0		0.23		0.06	12.20	575.0	7		ICCD - Multi County	
BCMS-180	701114	6/1/02	10	600		3.78	1.0	29.6		0.07		6.40	3.47	243.0	5		ICCD - Multi County	
BCMS-181	701115	6/1/02	10	540		4.29	1.0	12.0		0.16		2.47	1.74	228.0	1		ICCD - Multi County	
BCMS-182	701116	6/1/02	1795	450		4.22	1.0	16.0		0.07		1.64	1.79	210.0	33		ICCD - Multi County	
BCMS-183	301255	6/1/02	15	395		3.39	1.0	18.8		4.68		2.96	1.12	162.0	16		ICCD - Multi County	
BCMS-183	MB-22	6/27/03	727	728		6.90	17.2	5.7		9.36		1.81	-0.10	350.4	14	592	BCWA Assessment-IUP	
BCMS-183	MB-22	7/30/03	1274	595		6.55	16.1	5.7		6.24		1.57	-0.10	275.2	-2	468	BCWA Assessment-IUP	
BCMS-183	MB-22	8/19/03	1442	695		6.23	18.3	8.4		7.19		2.17	-0.10	337.1	6	546	BCWA Assessment-IUP	
BCMS-183	MB-22	9/27/03	775	627		6.12	12.8	9.7		7.02		2.01	0.25	261.4	12	494	BCWA Assessment-IUP	
BCMS-183	MB-22	10/25/03	1430	596		6.03	12.1	9.3		7.85		1.88	0.14	285.4	2	444	BCWA Assessment-IUP	
BCMS-183	MB-22	12/5/03	775	504		6.51	9.3	21.6		6.28		1.38	1.50	234.1	16	334	BCWA Assessment-IUP	
BCMS-183	MB-22	12/31/03	2802	429		6.20	6.3	13.9		4.99		1.09	1.39	218.6	8	292	BCWA Assessment-IUP	
BCMS-183	MB-22	2/4/04	2802	566		6.46	11.8	23.3		8.78		1.76	0.54	272.9	14	407	BCWA Assessment-IUP	
BCMS-183	MB-22	2/28/04	2043	507		6.20	10.7	15.6		6.50		1.47	0.65	231.6	24	328	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-183	MB-22	3/26/04	3168	480		5.93	6.4	13.1		4.82		1.45	1.81	208.8	2	332	BCWA Assessment-IUP	
BCMS-183	MB-22	4/16/04	5657	386		5.00	-1.0	4.1		2.92		1.22	0.35	172.4	4	246	BCWA Assessment-IUP	
BCMS-183	MB-22	5/13/04	1528	671		5.83	7.2	12.9		10.05		2.62	-0.10	343.0	6	558	BCWA Assessment-IUP	
BCMS-184	301256	6/1/02	2	320		5.74	26.8	3.2		49.90		2.29	0.10	110.0	118		ICCD - Multi County	
BCMS-187	301259	6/1/02		199		5.62	2.4	5.2		3.53		1.04	0.33	58.0	16		ICCD - Multi County	
BCMS-188	301260	6/1/02	12	230		4.78	1.0	6.0		0.74		0.68	0.67	80.0	8		ICCD - Multi County	
BCMS-189	301261	6/1/02		144		5.88	3.2	3.6		0.68		0.21	0.27	47.0	4		ICCD - Multi County	
BCMS-190	701139	6/1/02	40	290		3.86	1.0	14.8		0.51		3.21	1.12	122.0	8		ICCD - Multi County	
BCMS-191	201124	6/1/02		194		6.57	13.6	1.0		0.11		0.04	0.23	43.5	2		ICCD - Multi County	
BCMS-192	201125	6/1/02		525		3.17	1.0	55.0		13.40		0.44	4.16	163.0	11		ICCD - Multi County	
BCMS-193	201126	6/1/02		575		3.17	1.0	61.0		15.10		0.49	5.06	187.0	13		ICCD - Multi County	
BCMS-194	201127	6/1/02		3000		2.56	1.0	1191.0		270.00		4.81	79.90	2065.0	4		ICCD - Multi County	
BCMS-194	MB-13	6/26/03	970	977		3.02	0.0	142.5		20.12		1.02	7.65	326.2	42	574	BCWA Assessment-IUP	
BCMS-194	MB-13	7/30/03	491	635		3.31	0.0	82.1		12.53		0.78	4.89	234.6	24	440	BCWA Assessment-IUP	
BCMS-194	MB-13	8/20/03	528	761		3.12	0.0	128.9		18.28		0.87	6.03	251.8	40	464	BCWA Assessment-IUP	
BCMS-194	MB-13	9/27/03	943	625		3.27	0.0	82.0		30.97		0.76	5.56	220.3	82	356	BCWA Assessment-IUP	
BCMS-194	MB-13	10/24/03	970	584		3.23	0.0	70.7		13.54		0.76	3.43	226.8	22	338	BCWA Assessment-IUP	
BCMS-194	MB-13	12/5/03	943	466		3.72	0.0	60.0		8.96		0.58	3.40	146.5	24	236	BCWA Assessment-IUP	
BCMS-194	MB-13	12/31/03	3385	527		3.27	0.0	80.8		11.55		0.69	4.41	172.8	26	228	BCWA Assessment-IUP	
BCMS-194	MB-13	2/28/04	1583	682		3.15	0.0	105.9		11.66		0.48	4.72	182.9	46	298	BCWA Assessment-IUP	
BCMS-194	MB-13	3/26/04	2849	754		3.10	0.0	113.1		18.27		0.82	7.26	250.2	42	334	BCWA Assessment-IUP	
BCMS-194	MB-13	4/16/04	3190	308		4.07	0.0	24.8		5.00		0.46	1.81	113.4	4	212	BCWA Assessment-IUP	
BCMS-194	MB-13	5/13/04	2367	1257		2.78	0.0	222.8		42.82		1.42	14.66	466.1	64	924	BCWA Assessment-IUP	
BCMS-195	201123	6/1/02		175		6.44	16.0	1.0		0.12		0.02	0.10	37.6	6		ICCD - Multi County	
BCMS-196	301208	6/1/02	150	300		4.57	1.0	10.0		0.13		0.80	1.06	62.0	8		ICCD - Multi County	
BCMS-196	MB-20	6/27/03	2095	614		7.70	54.9	4.4		0.13		0.23	-0.10	267.5	-2	472	BCWA Assessment-IUP	
BCMS-196	MB-20	7/30/03	2543	426		7.08	36.4	3.7		0.19		0.29	-0.10	173.0	-2	266	BCWA Assessment-IUP	
BCMS-196	MB-20	8/19/03	2862	578		6.82	48.8	2.7		0.18		0.27	-0.10	248.8	-2	464	BCWA Assessment-IUP	
BCMS-196	MB-20	9/27/03	1717	488		7.00	38.0	4.3		0.22		0.25	0.11	213.8	6	352	BCWA Assessment-IUP	
BCMS-196	MB-20	10/25/03	2672	464		6.80	32.6	4.0		0.11		0.25	-0.10	222.6	-2	368	BCWA Assessment-IUP	
BCMS-196	MB-20	12/5/03	1717	447		7.10	17.7	7.1		0.34		0.40	1.53	201.6	6	296	BCWA Assessment-IUP	
BCMS-196	MB-20	12/31/03	1527	380		6.54	14.5	4.4		0.26		0.33	1.23	174.3	12	240	BCWA Assessment-IUP	
BCMS-196	MB-20	1/31/04	1916	565		7.10	29.0	5.6		0.44		0.31	0.74	260.0	10	438	BCWA Assessment-IUP	
BCMS-196	MB-20	2/28/04	1509	429		6.71	20.8	5.1		-0.04		0.25	-0.10	185.6	14	282	BCWA Assessment-IUP	
BCMS-196	MB-20	3/26/04	3168	404		6.52	16.8	3.3		0.27		0.26	1.47	161.5	-2	262	BCWA Assessment-IUP	
BCMS-196	MB-20	4/16/04	5068	355		6.73	10.0	3.2		0.48		0.37	0.83	152.1	-2	252	BCWA Assessment-IUP	
BCMS-196	MB-20	5/13/04	1035	489		6.26	20.2	10.5		2.31		0.33	1.81	198.1	2	400	BCWA Assessment-IUP	
BCMS-197	301209	6/1/02	20	410		4.91	1.2	6.8		0.75		0.09	0.44	100.0	18		ICCD - Multi County	
BCMS-198	301210	6/1/02	100	400		4.62	1.0	7.6		0.08		0.80	0.94	114.0	2		ICCD - Multi County	
BCMS-199	301211	6/1/02	100	410		4.15	1.0	13.2		2.24		1.55	1.72	152.0	1		ICCD - Multi County	
BCMS-200	301212	6/1/02	50	240		4.15	1.0	12.4		0.09		1.02	1.54	86.0	1		ICCD - Multi County	
BCMS-201	301213	6/1/02	1500	310		5.31	2.4	9.2		2.39		0.72	0.99	104.0	6		ICCD - Multi County	
BCMS-203	301215	6/1/02		860		6.29	25.6	31.6		28.20		1.91	0.56	420.0	25		ICCD - Multi County	
BCMS-204	800556	6/1/02		870		6.00	9.2	1.0		8.70		0.65	0.43	408.0	13		ICCD - Multi County	
BCMS-204	MB-3	6/26/03	39288	418		4.92	1.2	9.2		6.23		0.43	1.79	189.5	10	276	BCWA Assessment-IUP	
BCMS-204	MB-3	7/30/03	55358	482		5.60	2.5	5.7		7.45		0.54	1.80	224.5	12	412	BCWA Assessment-IUP	
BCMS-204	MB-3	8/20/03	66201	413		5.52	3.6	7.5		6.18		0.52	2.10	162.0	20	260	BCWA Assessment-IUP	
BCMS-204	MB-3	9/28/03	92135	208		6.05	7.4	7.6		5.48		0.38	2.90	65.7	68	144	BCWA Assessment-IUP	
BCMS-204	MB-3	10/26/03	57180	476		5.85	5.1	11.5		6.68		0.52	1.73	196.0	26	322	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-204	MB-3	12/7/03	92135	309		5.85	3.2	20.4		6.52		0.52	3.33	126.6	26	200	BCWA Assessment-IUP	
BCMS-204	MB-3	1/2/04	94155	278		5.95	4.8	8.5		4.55		0.35	1.67	100.5	20	164	BCWA Assessment-IUP	
BCMS-204	MB-3	2/2/04	94155	609		4.92	1.8	30.1		12.41		0.56	6.33	261.0	48	412	BCWA Assessment-IUP	
BCMS-204	MB-3	2/29/04	38309	441		5.92	5.2	15.5		7.88		0.38	1.97	168.7	10	270	BCWA Assessment-IUP	
BCMS-204	MB-3	3/27/04	84841	275		5.65	2.9	9.2		3.81		0.31	3.06	92.8	14	160	BCWA Assessment-IUP	
BCMS-204	MB-3	4/17/04	118805	226		5.26	1.4	7.7		2.88		0.31	1.26	75.0	20	146	BCWA Assessment-IUP	
BCMS-204	MB-3	5/14/04	29338	497		5.87	4.5	8.4		8.75		0.53	1.96	204.2	32	348	BCWA Assessment-IUP	
BCMS-205	800557	6/1/02		1060		4.60	1.0	22.0		0.94		0.83	1.27	550.0	18		ICCD - Multi County	
BCMS-206	800555	6/1/02		860		5.79	8.8	15.0		10.30		0.73	1.18	352.0	11		ICCD - Multi County	
BCMS-206	MB-5	6/26/03	20037	425		4.67	-1.0	10.5		5.99		0.48	1.82	186.2	4	258	BCWA Assessment-IUP	
BCMS-206	MB-5	7/30/03	35182	481		4.73	-1.0	9.9		7.26		0.59	1.69	215.2	14	440	BCWA Assessment-IUP	
BCMS-206	MB-5	8/20/03	37961	412		4.64	-1.0	16.1		6.94		0.59	2.35	170.6	20	266	BCWA Assessment-IUP	
BCMS-206	MB-5	9/28/03	47070	208		6.27	8.9	5.1		5.11		0.42	2.86	62.9	68	162	BCWA Assessment-IUP	
BCMS-206	MB-5	10/26/03	30308	473		5.74	3.4	10.7		6.41		0.55	1.67	209.3	18	328	BCWA Assessment-IUP	
BCMS-206	MB-5	12/7/03	47070	339		4.86	1.8	33.2		7.82		0.62	4.38	134.1	20	208	BCWA Assessment-IUP	
BCMS-206	MB-5	1/2/04	49519	286		6.12	4.9	11.1		4.27		0.37	1.74	107.6	18	170	BCWA Assessment-IUP	
BCMS-206	MB-5	2/2/04	49519	603		4.87	1.5	30.7		8.71		0.59	3.26	242.2	26	414	BCWA Assessment-IUP	
BCMS-206	MB-5	2/28/04	42431	440		6.00	5.1	14.9		7.15		0.39	2.05	138.9	14	264	BCWA Assessment-IUP	
BCMS-206	MB-5	3/27/04	42431	279		5.14	1.8	11.3		3.65		0.34	3.08	100.9	20	154	BCWA Assessment-IUP	
BCMS-206	MB-5	4/17/04	120220	232		4.89	1.0	9.3		2.30		0.24	1.40	76.2	8	170	BCWA Assessment-IUP	
BCMS-206	MB-5	5/14/04	32328	489		5.45	2.6	8.5		69.47		2.13	20.42	206.5	18	340	BCWA Assessment-IUP	
BCMS-207	800554	6/1/02		800		4.56	1.0	15.0		5.22		0.72	0.58	282.0	7		ICCD - Multi County	
BCMS-208	800553	6/1/02		810		3.55	1.0	30.0		5.20		0.96	1.52	330.0	6		ICCD - Multi County	
BCMS-209	800552	6/1/02		760		3.45	1.0	27.0		1.78		0.95	1.59	282.0	3		ICCD - Multi County	
BCMS-209	MB-16	6/27/03	38614	434		4.36	0.0	18.9		6.41		0.54	1.56	171.8	4	288	BCWA Assessment-IUP	
BCMS-209	MB-16	7/30/03	58426	369		4.75	-1.0	9.2		4.90		0.52	1.20	146.5	-2	254	BCWA Assessment-IUP	
BCMS-209	MB-16	8/20/03	55408	373		4.69	-1.0	12.0		5.30		0.56	0.65	147.9	16	254	BCWA Assessment-IUP	
BCMS-209	MB-16	9/27/03	95188	297		5.12	1.7	11.5		5.20		0.47	1.82	101.8	24	206	BCWA Assessment-IUP	
BCMS-209	MB-16	10/25/03	75208	407		5.24	1.5	16.3		6.15		0.54	1.50	186.1	12	286	BCWA Assessment-IUP	
BCMS-209	MB-16	12/5/03	79323	278		5.04	-1.0	21.9		5.98		0.51	2.47	101.9	20	166	BCWA Assessment-IUP	
BCMS-209	MB-16	12/31/03	7858	248		5.69	4.5	6.0		4.06		0.35	1.81	79.4	26	148	BCWA Assessment-IUP	
BCMS-209	MB-16	2/28/04	65060	396		5.50	2.0	14.4		6.83		0.36	3.43	134.0	24	220	BCWA Assessment-IUP	
BCMS-209	MB-16	3/26/04	80820	265		4.93	-1.0	13.2		4.07		0.38	2.98	86.3	8	152	BCWA Assessment-IUP	
BCMS-209	MB-16	4/16/04	80820	199		4.96	1.2	10.4		1.82		0.22	0.63	65.2	10	126	BCWA Assessment-IUP	
BCMS-209	MB-16	5/13/04	77228	422		4.71	-1.0	21.2		6.30		0.59	1.29	164.7	12	318	BCWA Assessment-IUP	
BCMS-210	KBLVI2	6/23/99				2.80	0.0	212.0	490.0	27.30	2.34	39.60	3.54	1000.0	<2		Stream Team	
BCMS-210	KBLVI2	1/20/00					0.0				2.00			>200			Stream Team	
BCMS-210	KBLVI2	4/12/00				2.80	0.0	180.0	396.0	34.30	0.90	30.60	2.79	465.0	12		Stream Team	
BCMS-210	KBLVI2	7/12/00				2.70	0.0		668.0	39.10	0.96	43.10	3.97	838.0	20		Stream Team	
BCMS-210	KBLVI2	10/16/00				2.90	0.0	160.0	398.0	32.10	2.00	40.90	3.70	723.0	10		Stream Team	
BCMS-210	KBLVI2	3/2/01				2.80	0.0		168.0	30.40		33.70	0.05	666.0	<2		Stream Team	
BCMS-210	KBLVI2	5/3/03				3.40	0.0		154.4	9.99	0.00	3.22	15.30	768.9	42		Stream Team	
BCMS-210	KBLVI2	8/14/03				3.60	0.0		180.2	5.83	1.76	3.42	23.30	820.0	30		Stream Team	
BCMS-212	3041900	11/4/86	12567	170	7.30	5.80		0.0	0.0	0.16		<0.05	<0.135		120		USGS	
BCMS-212	3041900	5/11/87	9426	120	6.40	6.70		0.1	0.0	0.22		<0.05	<0.135	30.0	140		USGS	
BCMS-212	3041900	10/20/87	3366	185	7.00	6.60			0.0	0.18		<0.05	<0.135		44		USGS	
BCMS-212	3041900	5/31/88	5835	134	7.00	6.70			0.0	0.28		0.06	0.20		112		USGS	
BCMS-212	3041900	8/17/88	256	333	7.60	6.50			0.0	0.26		0.13	0.20		320		USGS	
BCMS-212	900304	6/1/02		65		6.67	13.6	1.0		0.00		0.00	0.00	9.9	7		ICCD - Multi County	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-214	BCS-4890	10/25/73	167			2.60	0.0	140.0		457.20	26.90			900.0			Blacklick Scarlift	
BCMS-214	BCS-4890	11/27/73	258			2.50	0.0	8500.0		368.80	0.00			1725.0			Blacklick Scarlift	
BCMS-214	BCS-4890	12/21/73	402			2.70	0.0	1000.0		103.30	0.00			1825.0			Blacklick Scarlift	
BCMS-214	BCS-4890	1/25/74	327			2.60	0.0	1480.0		399.90	1.10			1650.0			Blacklick Scarlift	
BCMS-214	BCS-4890	2/13/74	525			2.80	0.0	1420.0		576.10	151.20		77.00	1225.0			Blacklick Scarlift	
BCMS-214	BCS-4890	3/11/74	759			2.70	0.0	1500.0		514.60	57.10			1225.0			Blacklick Scarlift	
BCMS-214	BCS-4890	4/8/74	258			2.70	0.0	1340.0		312.00	121.00			1700.0			Blacklick Scarlift	
BCMS-214	BCS-4890	5/6/74	211			2.70	0.0	1300.0		322.00	43.70			1275.0			Blacklick Scarlift	
BCMS-214	BCS-4890	6/12/74	196			2.90	0.0	1500.0		287.00	153.40			1350.0			Blacklick Scarlift	
BCMS-214	BCS-4890	7/26/74	167			2.50	0.0	1100.0		336.00	17.90			1625.0			Blacklick Scarlift	
BCMS-214	BCS-4890	8/15/74	128			2.70	0.0	2500.0		382.00	265.40			1575.0			Blacklick Scarlift	
BCMS-214	BCS-4890	9/9/74	115			2.70	0.0	1600.0		765.00	672.00			2025.0			Blacklick Scarlift	
BCMS-214	MB-17	6/27/03	1320	1868		2.71	0.0	433.5		77.39		4.92	25.73	832.9	-2	1568	BCWA Assessment-IUP	
BCMS-214	MB-17	7/30/03	1330	1926		2.71	0.0	428.0		91.75		4.94	29.66	915.7	-2	1540	BCWA Assessment-IUP	
BCMS-214	MB-17	8/20/03	1620	1900		2.68	0.0	406.8		91.36		4.66	28.58	758.8	8	1632	BCWA Assessment-IUP	
BCMS-214	MB-17	9/27/03	1365	1765		2.81	0.0	390.4		88.42		4.57	24.52	844.5	10	1430	BCWA Assessment-IUP	
BCMS-214	MB-17	10/25/03	1131	1803		2.77	0.0	515.3		91.35		4.81	25.52	759.6	-2	1374	BCWA Assessment-IUP	
BCMS-214	MB-17	12/5/03	1365	1756		3.01	0.0	460.5		81.06		5.02	28.30	859.4	-2	1344	BCWA Assessment-IUP	
BCMS-214	MB-17	12/31/03	1078	1677		2.74	0.0	444.0		82.53		4.88	27.44	760.8	2	1132	BCWA Assessment-IUP	
BCMS-214	MB-17	2/28/04	660	1700		2.86	0.0	481.7		61.20		4.87	33.78	893.4	14	1248	BCWA Assessment-IUP	
BCMS-214	MB-17	3/26/04	2012	1616		2.84	0.0	388.8		61.73		5.06	24.29	685.5	-2	1056	BCWA Assessment-IUP	
BCMS-214	MB-17	4/16/04	2384	1683		2.63	0.0	374.0		76.02		5.83	24.80	746.9	-2	1566	BCWA Assessment-IUP	
BCMS-214	MB-17	5/13/04	687	1715		2.74	0.0	359.2		76.11		5.04	25.03	701.4	4	1566	BCWA Assessment-IUP	
BCMS-215	MB-1	6/26/03	150864	439		4.21	0.0	19.5		9.34		0.37	1.87	188.8	16	278	BCWA Assessment-IUP	
BCMS-215	MB-1	7/30/03	36369	514		4.20	0.0	24.7		12.76		0.49	1.70	188.1	14	378	BCWA Assessment-IUP	
BCMS-215	MB-1	8/20/03	33934	459		4.49	0.0	28.0		11.40		0.53	2.52	194.7	32	252	BCWA Assessment-IUP	
BCMS-215	MB-1	9/28/03	60346	208		5.90	4.7	5.5		6.16		0.32	1.17	70.5	48	164	BCWA Assessment-IUP	
BCMS-215	MB-1	10/26/03	22630	493		4.98	1.5	22.1		13.03		0.44	1.76	207.6	24	370	BCWA Assessment-IUP	
BCMS-215	MB-1	12/7/03	60346	314		6.54	16.0	12.3		4.07		0.36	2.26	119.6	24	202	BCWA Assessment-IUP	
BCMS-215	MB-1	1/2/04	50917	244		6.80	13.9	4.0		2.90		0.24	1.32	79.0	4	144	BCWA Assessment-IUP	
BCMS-215	MB-1	2/2/04	50917	606		5.58	4.3	20.1		7.31		0.52	3.49	264.9	34	410	BCWA Assessment-IUP	
BCMS-215	MB-1	2/28/04	80461	390		6.41	16.8	6.8		4.23		0.27	1.40	121.9	14	232	BCWA Assessment-IUP	
BCMS-215	MB-1	3/27/04	95044	247		6.62	14.1	3.1		1.59		0.17	0.90	77.0	6	130	BCWA Assessment-IUP	
BCMS-215	MB-1	4/17/04	155174	196		6.77	12.4	2.8		1.09		0.14	-0.10	57.1	-2	126	BCWA Assessment-IUP	
BCMS-215	MB-1	5/14/04	59843	452		6.93	30.8	4.4		3.58		0.27	0.76	161.9	4	330	BCWA Assessment-IUP	
BCMS-216	MB-11	6/26/03	212	632		3.41	0.0	58.9		9.08		0.75	2.72	238.2	16	392	BCWA Assessment-IUP	
BCMS-216	MB-11	7/30/03	1088	433		3.81	0.0	34.5		8.34		0.57	1.58	187.5	20	318	BCWA Assessment-IUP	
BCMS-216	MB-11	8/20/03	1038	501		3.54	0.0	58.8		11.42		0.69	2.28	183.1	18	302	BCWA Assessment-IUP	
BCMS-216	MB-11	9/27/03	1407	399		3.84	0.0	38.8		7.83		0.52	2.75	153.7	24	242	BCWA Assessment-IUP	
BCMS-216	MB-11	10/24/03	1137	455		3.53	0.0	37.7		9.13		0.66	2.35	167.2	8	174	BCWA Assessment-IUP	
BCMS-216	MB-11	12/5/03	1407	383		4.26	0.0	32.5		6.03		0.50	2.73	133.6	18	222	BCWA Assessment-IUP	
BCMS-216	MB-11	12/31/03	3125	282		5.04	1.6	32.3		4.67		0.44	1.67	115.6	2	176	BCWA Assessment-IUP	
BCMS-216	MB-11	2/28/04	1358	357		4.37	0.0	29.2		6.81		0.39	2.99	123.4	20	204	BCWA Assessment-IUP	
BCMS-216	MB-11	3/26/04	2478	374		5.11	1.5	13.5		4.70		0.41	2.46	143.4	8	216	BCWA Assessment-IUP	
BCMS-216	MB-11	4/16/04	4558	266		5.97	3.6	6.0		2.58		0.34	0.53	104.7	-2	174	BCWA Assessment-IUP	
BCMS-216	MB-11	5/13/04	3190	561		3.58	0.0	47.7		8.83		0.64	2.15	221.9	4	398	BCWA Assessment-IUP	
BCMS-217	MB-14	6/27/03	138	2064		2.61	0.0	615.9		104.04		3.18	41.36	844.7	46	1904	BCWA Assessment-IUP	
BCMS-217	MB-14	7/30/03	181	1840		2.67	0.0	446.3		88.15		2.64	30.66	834.7	118	1682	BCWA Assessment-IUP	
BCMS-217	MB-14	8/20/03	188	1758		2.71	0.0	383.9		89.41		1.90	28.60	708.4	136	1358	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-217	MB-14	9/27/03	54	1499		2.80	0.0	323.3		84.43		1.68	23.75	627.5	144	1136	BCWA Assessment-IUP	
BCMS-217	MB-14	10/24/03	54	1530		2.58	0.0	374.9		81.19		1.88	20.56	576.4	24	1236	BCWA Assessment-IUP	
BCMS-217	MB-14	12/5/03	81	1214		3.15	0.0	217.2		59.78		1.14	19.45	536.4	118	846	BCWA Assessment-IUP	
BCMS-217	MB-14	12/31/03	167	1120		2.94	0.0	209.3		67.77		0.95	15.89	498.3	128	600	BCWA Assessment-IUP	
BCMS-217	MB-14	2/28/04	367	716		3.25	0.0	126.4		23.87		0.49	10.47	280.2	126	384	BCWA Assessment-IUP	
BCMS-217	MB-14	3/26/04	367	1235		2.90	0.0	228.4		58.06		1.14	17.46	458.4	138	710	BCWA Assessment-IUP	
BCMS-217	MB-14	4/16/04	445	1335		2.67	0.0	262.1		92.14		1.13	16.86	489.8	160	920	BCWA Assessment-IUP	
BCMS-217	MB-14	5/13/04	326	1883		2.61	0.0	510.3		125.83		3.06	35.99	754.7	128	1754	BCWA Assessment-IUP	
BCMS-218	MB-15	6/26/03	80	473		7.64	83.8	3.7		0.89		0.10	-0.10	108.1	22	298	BCWA Assessment-IUP	
BCMS-218	MB-15	7/30/03	431	419		7.50	77.5	3.6		0.68		0.07	-0.10	103.0	14	244	BCWA Assessment-IUP	
BCMS-218	MB-15	8/20/03	300	680		7.45	129.9	6.1		0.63		0.04	-0.10	172.4	24	458	BCWA Assessment-IUP	
BCMS-218	MB-15	9/27/03	216	394		7.54	78.5	3.7		0.47		0.02	0.10	159.7	20	262	BCWA Assessment-IUP	
BCMS-218	MB-15	10/25/03	195	411		7.51	78.8	8.8		0.09		-0.02	-0.10	102.8	-2	260	BCWA Assessment-IUP	
BCMS-218	MB-15	12/5/03	323	349		7.57	60.4	9.1		0.15		-0.02	1.28	80.0	2	192	BCWA Assessment-IUP	
BCMS-218	MB-15	12/31/03	377	304		7.41	43.8	4.1		0.47		0.05	0.77	61.1	8	142	BCWA Assessment-IUP	
BCMS-218	MB-15	2/28/04	776	385		7.41	47.6	4.7		0.19		-0.02	1.94	75.7	10	200	BCWA Assessment-IUP	
BCMS-218	MB-15	3/26/04	1010	343		7.92	50.4	3.3		0.29		0.03	1.04	67.9	6	190	BCWA Assessment-IUP	
BCMS-218	MB-15	4/16/04	889	249		7.44	36.8	3.2		0.71		0.05	0.32	55.6	-2	138	BCWA Assessment-IUP	
BCMS-218	MB-15	5/13/04	593	481		7.49	90.3	4.7		1.15		0.05	0.15	121.6	4	378	BCWA Assessment-IUP	
BCMS-220	MB-19	6/27/03	72065	454		4.17	0.0	28.9		6.90		0.61	2.03	181.0	18	338	BCWA Assessment-IUP	
BCMS-220	MB-19	7/30/03	137822	429		3.98	0.0	41.2		7.44		0.66	2.64	186.2	6	262	BCWA Assessment-IUP	
BCMS-220	MB-19	8/20/03	125937	394		4.09	0.0	31.6		6.43		0.69	1.24	141.6	16	248	BCWA Assessment-IUP	
BCMS-220	MB-19	9/27/03	57921	330		4.29	0.0	28.9		6.99		0.54	2.63	125.0	36	212	BCWA Assessment-IUP	
BCMS-220	MB-19	10/26/03	53207	460		3.97	0.0	33.1		8.95		0.68	3.62	189.6	10	304	BCWA Assessment-IUP	
BCMS-220	MB-19	12/5/03	57921	321		4.56	-1.0	44.4		8.57		0.60	3.98	129.5	16	196	BCWA Assessment-IUP	
BCMS-220	MB-19	12/31/03	61289	479		3.34	0.0	86.5		14.84		0.54	6.51	157.6	38	198	BCWA Assessment-IUP	
BCMS-220	MB-19	3/26/04	55227	351		3.66	0.0	51.5		6.47		0.46	4.13	109.4	8	168	BCWA Assessment-IUP	
BCMS-220	MB-19	4/16/04	68024	473		3.27	0.0	84.3		15.41		0.55	7.10	127.7	26	218	BCWA Assessment-IUP	
BCMS-221	MB-2	6/26/03	4063	242		4.53	-1.0	17.9		0.15		1.24	1.99	68.4	-2	140	BCWA Assessment-IUP	
BCMS-221	MB-2	7/30/03	5230	220		4.55	-1.0	18.9		0.18		1.54	1.51	69.3	-2	156	BCWA Assessment-IUP	
BCMS-221	MB-2	8/20/03	4547	210		4.54	-1.0	24.1		0.22		1.41	1.89	65.8	-2	102	BCWA Assessment-IUP	
BCMS-221	MB-2	9/28/03	5276	204		4.40	0.0	19.5		0.45		1.27	1.20	68.5	18	172	BCWA Assessment-IUP	
BCMS-221	MB-2	10/26/03	3682	67		5.34	5.7	8.5		0.66		0.14	-0.10	17.5	8	58	BCWA Assessment-IUP	
BCMS-221	MB-2	12/7/03	5276	209		4.63	-1.0	29.5		0.37		1.31	3.06	76.7	8	120	BCWA Assessment-IUP	
BCMS-221	MB-2	1/2/04	7920	222		4.04	0.0	28.1		0.38		1.10	1.90	70.6	-2	124	BCWA Assessment-IUP	
BCMS-221	MB-2	2/29/04	5276	247		4.50	0.0	28.1		0.46		1.05	1.91	63.0	-2	132	BCWA Assessment-IUP	
BCMS-221	MB-2	3/27/04	6352	231		4.41	0.0	26.5		0.30		0.99	1.74	58.8	-2	114	BCWA Assessment-IUP	
BCMS-221	MB-2	4/17/04	14030	188		4.28	0.0	19.9		0.18		0.88	1.30	54.3	-2	130	BCWA Assessment-IUP	
BCMS-221	MB-2	5/14/04	2532	199		4.43	0.0	20.0		0.14		1.25	1.37	57.5	-2	154	BCWA Assessment-IUP	
BCMS-222	MB-23	6/27/03	13	113		7.42	25.5	2.7		0.43		0.02	-0.10	13.7	30	74	BCWA Assessment-IUP	
BCMS-222	MB-23	7/30/03	33	108		6.89	21.0	2.1		0.80		0.13	0.19	14.3	82	52	BCWA Assessment-IUP	
BCMS-222	MB-23	8/20/03	36	125		6.70	30.1	3.2		0.34		-0.02	0.16	14.3	20	84	BCWA Assessment-IUP	
BCMS-222	MB-23	9/27/03	20	99		6.49	12.6	6.4		0.29		0.03	-0.10	14.8	28	66	BCWA Assessment-IUP	
BCMS-222	MB-23	10/25/03	18	95		6.28	11.0	2.3		0.13		0.02	0.11	15.4	-2	70	BCWA Assessment-IUP	
BCMS-222	MB-23	12/5/03	20	82		6.69	6.0	3.5		0.09		-0.02	0.41	15.1	6	30	BCWA Assessment-IUP	
BCMS-222	MB-23	12/31/03	110	82		6.52	5.2	9.8		0.09		0.06	0.49	17.6	18	14	BCWA Assessment-IUP	
BCMS-222	MB-23	2/28/04	97	81		5.96	4.4	2.5		0.08		-0.02	-0.10	16.1	18	62	BCWA Assessment-IUP	
BCMS-222	MB-23	3/26/04	106	77		6.21	4.1	2.1		0.09		0.03	1.04	10.6	10	20	BCWA Assessment-IUP	
BCMS-222	MB-23	4/16/04	424	75		6.09	3.0	1.6		0.26		0.06	-0.10	14.7	8	20	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-222	MB-23	5/13/04		105		6.86	19.3	1.5		0.90		0.11	-0.10	13.7	50	100	BCWA Assessment-IUP	
BCMS-223	MB-26	6/27/03	49839	466		4.25	0.0	22.8		5.79		0.56	1.55	182.3	10	358	BCWA Assessment-IUP	
BCMS-223	MB-26	7/30/03		394		5.33	1.8	7.7		4.02		0.52	1.40	136.6	10	274	BCWA Assessment-IUP	
BCMS-223	MB-26	8/19/03	103719	616		4.28	0.0	11.1		4.11		0.59	1.30	130.2	8	402	BCWA Assessment-IUP	
BCMS-223	MB-26	9/27/03		309		4.68	-1.0	14.3		4.73		0.53	1.38	118.2	24	218	BCWA Assessment-IUP	
BCMS-223	MB-26	10/25/03		409		4.51	-1.0	13.3		5.54		0.63	1.71	167.2	6	284	BCWA Assessment-IUP	
BCMS-223	MB-26	12/5/03		504		5.12	2.0	24.3		6.76		0.59	2.81	86.7	20	274	BCWA Assessment-IUP	
BCMS-223	MB-26	12/31/03		426		5.63	2.7	7.3		3.99		0.44	2.24	100.5	34	220	BCWA Assessment-IUP	
BCMS-223	MB-26	2/4/04		570		4.72	-1.0	83.7		6.79		0.77	2.46	236.2	16	350	BCWA Assessment-IUP	
BCMS-223	MB-26	2/28/04		624		4.95	1.0	24.8		7.79		0.51	2.02	130.1	16	348	BCWA Assessment-IUP	
BCMS-223	MB-26	3/26/04		447		4.65	-1.0	19.1		4.70		0.45	2.95	91.9	-2	244	BCWA Assessment-IUP	
BCMS-223	MB-26	4/16/04		321		4.40	0.0	16.3		2.97		0.39	1.48	68.3	12	184	BCWA Assessment-IUP	
BCMS-223	MB-26	5/13/04		702		4.53	-1.0	17.3		5.63		0.67	2.05	164.5	16	456	BCWA Assessment-IUP	
BCMS-224	MB-6	6/26/03		1978		2.66	0.0	494.7		113.11		3.57	31.38	878.8	2	1620	BCWA Assessment-IUP	
BCMS-224	MB-6	7/30/03		1928		2.69	0.0	481.0		94.77		3.94	30.38	861.2	56	1592	BCWA Assessment-IUP	
BCMS-224	MB-6	8/20/03		1938		2.68	0.0	490.9		123.31		3.69	38.77	812.7	76	1442	BCWA Assessment-IUP	
BCMS-224	MB-6	9/28/03		1728		2.80	0.0	436.4		111.40		3.58	29.25	697.6	138	1330	BCWA Assessment-IUP	
BCMS-224	MB-6	10/26/03		1758		2.79	0.0	457.7		99.50		3.72	26.45	741.0	68	1478	BCWA Assessment-IUP	
BCMS-224	MB-6	12/7/03		1458		3.15	0.0	312.5		81.36		3.18	23.01	632.6	158	962	BCWA Assessment-IUP	
BCMS-224	MB-6	1/2/04		1432		2.90	0.0	321.9		103.30		3.29	27.84	97.5	54	882	BCWA Assessment-IUP	
BCMS-224	MB-6	2/29/04		1622		2.88	0.0	409.6		77.76		3.12	27.06	731.2	40	944	BCWA Assessment-IUP	
BCMS-224	MB-6	3/27/04		1225		3.05	0.0	243.3		36.91		3.05	19.98	481.2	50	710	BCWA Assessment-IUP	
BCMS-224	MB-6	4/17/04		1353		2.75	0.0	268.1		41.91		3.24	21.32	572.2	22	1042	BCWA Assessment-IUP	
BCMS-224	MB-6	5/14/04		1556		2.79	0.0	342.9		7.82		0.53	1.98	652.7	82	1346	BCWA Assessment-IUP	
BCMS-225	MB-8	6/26/03	119075	441		4.27	0.0	21.1		6.17		0.62	1.85	190.8	6	286	BCWA Assessment-IUP	
BCMS-225	MB-8	7/30/03	60348	422		4.37	0.0	20.4		5.57		0.64	1.09	181.6	-2	338	BCWA Assessment-IUP	
BCMS-225	MB-8	8/20/03	57078	414		4.27	0.0	26.3		5.61		0.69	1.64	171.9	12	278	BCWA Assessment-IUP	
BCMS-225	MB-8	9/27/03	98062	358		4.33	0.0	27.1		4.60		0.75	2.39	59.4	34	226	BCWA Assessment-IUP	
BCMS-225	MB-8	10/24/03	51657	401		4.96	1.1	13.7		5.70		0.57	1.47	170.0	12	280	BCWA Assessment-IUP	
BCMS-225	MB-8	12/5/03	98062	305		4.78	1.2	32.8		6.21		0.66	3.90	117.6	22	180	BCWA Assessment-IUP	
BCMS-225	MB-8	12/31/03	32395	287		4.78	1.1	24.8		4.03		0.50	2.33	102.4	6	160	BCWA Assessment-IUP	
BCMS-225	MB-8	3/26/04	43894	296		4.79	1.4	27.7		3.95		0.49	3.20	104.6	18	166	BCWA Assessment-IUP	
BCMS-225	MB-8	4/16/04	106467	234		4.46	0.0	19.2		2.63		0.45	1.99	80.9	8	144	BCWA Assessment-IUP	
BCMS-225	MB-8	5/13/04	31870	459		4.65	-1.0	22.0		6.19		0.67	1.45	195.4	6	350	BCWA Assessment-IUP	
BCMS-226	MB-9	6/26/03	278	267		6.93	14.6	4.3		1.67		0.14	-0.10	87.9	-2	140	BCWA Assessment-IUP	
BCMS-226	MB-9	7/30/03	823	248		7.07	22.4	2.8		0.24		0.10	-0.10	80.8	-2	180	BCWA Assessment-IUP	
BCMS-226	MB-9	8/20/03	991	216		6.53	23.2	4.8		0.88		0.13	-0.10	58.4	6	122	BCWA Assessment-IUP	
BCMS-226	MB-9	9/27/03	1125	204		6.63	17.9	2.8		1.93		0.22	1.45	59.3	28	144	BCWA Assessment-IUP	
BCMS-226	MB-9	10/24/03	1313	212		6.78	15.3	3.1		0.81		0.11	-0.10	70.9	-2	144	BCWA Assessment-IUP	
BCMS-226	MB-9	12/5/03	1500	258		7.25	15.5	5.7		0.35		0.18	0.84	63.1	8	148	BCWA Assessment-IUP	
BCMS-226	MB-9	12/31/03	2122	215		6.72	11.3	2.4		0.67		0.30	0.61	77.8	2	134	BCWA Assessment-IUP	
BCMS-226	MB-9	2/28/04	2537	248		6.69	12.1	4.8		1.00		0.18	1.68	57.3	2	118	BCWA Assessment-IUP	
BCMS-226	MB-9	3/26/04	3273	311		6.79	13.4	3.1		0.30		0.24	1.23	98.9	6	178	BCWA Assessment-IUP	
BCMS-226	MB-9	4/16/04	5029	229		7.00	13.0	2.8		0.25		0.23	-0.10	77.0	2	144	BCWA Assessment-IUP	
BCMS-226	MB-9	5/13/04	4023	353		5.92	4.7	8.4		1.93		0.23	0.24	136.0	-2	294	BCWA Assessment-IUP	
BCMS-227	BS-55	10/18/94	1	219		7.30	56.2	2.8		0.35		0.14		32.0			M.B. Energy, Inc.	32950101
BCMS-227	BS-55	11/17/94	2	135		5.51	4.1	13.3		0.49		0.16		29.0			M.B. Energy, Inc.	32950101
BCMS-228	BS-56	10/18/94	2	97		6.45	9.4	3.5		0.74		0.08		21.6			M.B. Energy, Inc.	32950101
BCMS-228	BS-56	11/17/94	5	118		5.88	6.2	5.9		0.22		0.06		22.3			M.B. Energy, Inc.	32950101

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
BCMS-229	MD-19	6/27/89	1	181	6.20	6.90	29.0			0.42		0.30	0.21	75.0			M.B. Energy, Inc.	32950101
BCMS-229	MD-19	7/26/89	1	191	6.50	7.20	27.0			0.76		0.45	0.46	63.0			M.B. Energy, Inc.	32950101
BCMS-229	900301	6/1/02		170		7.47	20.8	1.0		0.00		0.00	0.00	39.8	6		ICCD - Multi County	
BCMS-230	BCS-4879	10/30/73	147			2.60	0.0	3000.0		303.90	44.80			399.0			Blacklick Scarlift	
BCMS-230	BCS-4879	11/29/73	200			3.30	0.0	4.0		13.20	11.20			425.0			Blacklick Scarlift	
BCMS-230	BCS-4879	12/27/73	840			3.30	0.0	18.0		7.30	0.00			295.0			Blacklick Scarlift	
BCMS-230	BCS-4879	1/29/74	84			2.80	0.0	300.0		117.30	52.60			1700.0			Blacklick Scarlift	
BCMS-230	BCS-4879	2/14/74	32			2.70	0.0	240.0		128.70	62.70			275.0			Blacklick Scarlift	
BCMS-230	BCS-4879	3/12/74	314			2.80	0.0	700.0		132.20	112.00			550.0			Blacklick Scarlift	
BCMS-230	BCS-4879	4/9/74	160			2.70	0.0	340.0		79.90	51.50			275.0			Blacklick Scarlift	
BCMS-230	BCS-4879	5/7/74	44			2.80	0.0	1000.0		89.30	15.70			475.0			Blacklick Scarlift	
BCMS-230	BCS-4879	6/14/74	6			2.80	0.0	2000.0		550.00	352.80			1200.0			Blacklick Scarlift	
BCMS-230	BCS-4879	7/29/74	5			2.30	0.0	2100.0		429.00	7.80			1800.0			Blacklick Scarlift	
BCMS-230	BS-51	10/18/94	1	3030		2.70	0.0	1742.0		509.60		8.04		2015.5			M.B. Energy, Inc.	32950101
BCMS-230	BS-51	11/17/94	4	341		3.52	0.0	56.0		13.08		0.23		92.5			M.B. Energy, Inc.	32950101
BCMS-231	MP-53	10/18/94		166		6.95	31.3	1.7		0.07		0.04	<0.10	56.9			M.B. Energy, Inc.	32950101
BCMS-231	MP-53	11/17/94		108		6.47	13.7	2.7		0.22		0.04	0.33	29.6			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	10/18/94		476		5.25	1.9	16.8		4.81		0.75	1.25	284.5			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	11/17/94		102		6.48	14.0	2.4		0.29		0.05	0.29	31.8			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	12/28/94		114		6.32	12.0	2.3		0.16		0.06	0.11	30.9			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	2/13/95		584	6.20	5.45	3.9	33.9		8.55		0.83	3.73	354.5			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	3/31/95		0	5.20	5.09	1.8	19.5		7.95		0.76		235.7			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	4/20/95		350	5.10	4.93	1.6	14.8		4.52		0.57	2.10	212.9			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	6/7/95		138	6.20	6.45	12.7	3.9		0.69		0.16	0.23	48.2			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	8/17/95		866	4.50	3.32	0.0	61.7		6.85		1.00	3.46	453.7			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	11/6/95		567	6.00	5.83	2.6	2.9		5.52		0.44	0.92	140.5			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	3/5/96		236	4.00	4.11	0.0	22.8		2.69		0.49	2.36	140.9			M.B. Energy, Inc.	32950101
BCMS-232	MP-54	5/10/96		216	5.50	5.05	1.4	6.5		4.86		0.40	2.41	95.2			M.B. Energy, Inc.	32950101
BCMS-233	SP-2	7/18/88	31418	1323	6.50	6.20	18.0	54.0		1.20		0.51		485.0			Marquise Mining Corp.	32870102
BCMS-233	SP-2	10/14/88		731	7.10	7.10	56.0	-16.0		2.78		0.50		315.0			Marquise Mining Corp.	32870102
BCMS-233	SP-2	1/20/89		246	6.50	6.70	42.0	26.0		0.60		0.07		42.0			Marquise Mining Corp.	32870102
BCMS-233	SP-2	4/21/89		612	5.00	4.70	2.0	80.0		6.18		0.70		295.0			Marquise Mining Corp.	32870102
BCMS-233	SP-2	7/31/89		954	4.70	4.50	0.0	80.0		5.85		0.62		400.0			Marquise Mining Corp.	32870102
BCMS-233	SP-2	10/6/89		1272	5.00	4.90	2.0	70.0		7.42		1.00		525.0			Marquise Mining Corp.	32870102
BCMS-233	SP-2	2/14/90		470	4.30	4.30	0.0	100.0		4.83		0.57		211.0			Marquise Mining Corp.	32870102
BCMS-233	SP-2	5/14/90		578	5.00	5.00	6.0	44.0		6.50		0.60		295.0			Marquise Mining Corp.	32870102
BCMS-233	SP-2	7/25/90		506	4.70	4.90	8.0	76.0		5.19		0.75		400.0			Marquise Mining Corp.	32870102
BCMS-233	SP-2	10/5/90		720	5.80	5.40	2.0	62.0		5.49		0.80		370.0			Marquise Mining Corp.	32870102
BCMS-234	SW-120	5/6/86	35000	922	4.30	4.80	2.0	25.0		10.00		1.20		450.0			M.B. Energy, Inc.	32880104
BCMS-234	SW-120	2/23/87	36000	825	6.30	5.70	4.0	19.0		14.00		0.80		470.0			M.B. Energy, Inc.	32880104
BCMS-234	SW-120	3/24/87	36000	693	4.70	5.30	2.0	14.0		8.00		0.70		300.0			M.B. Energy, Inc.	32880104
BCMS-234	SW-120	7/16/87	18000	727	3.50	3.10	0.0	141.0		5.20		1.30		280.0			M.B. Energy, Inc.	32880104
BCMS-234	SW-120	8/25/87	22000	674	2.90	3.20	0.0	143.0		2.00		1.70		280.0			M.B. Energy, Inc.	32880104
BCMS-234	SW-120	9/8/87	54000	639	6.80	7.20	18.0	4.0		8.20		0.70		330.0			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	7/8/88		1815	4.90	4.10	0.0	70.0		6.86		0.98		820.0			Bentley Coal Company	36860102
BCMS-234	SP-3	7/18/88	31500	1890	4.70	4.30	0.0	68.0		5.03		0.92		610.0			Marquise Mining Corp.	32870102
BCMS-234	SW-120	8/17/88		1325	5.90	5.30	3.0	19.0		3.93		1.03		820.0			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	10/10/88		1342	5.10	5.40	10.0	44.0		9.41		1.03		63.0			Bentley Coal Company	
BCMS-234	SP-3	10/10/88		1342	4.50	4.50	8.0	64.0		8.43		1.35		550.0			Marquise Mining Corp.	32870102



**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-234	SP-3	1/16/89		320	5.80	6.00	20.0	70.0		4.35		0.48		53.0			Bentley Coal Company	36860102
BCMS-234	SP-3	1/20/89		463	6.40	6.40	20.0	44.0		6.98		0.57		63.0			Marquise Mining Corp.	32870102
BCMS-234	SW-120	2/27/89		359		4.80	1.0	24.0		5.64		0.64		130.0			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	4/14/89		605	4.50	4.20	0.0	66.0		6.78		0.73		255.0			Bentley Coal Company	36860102
BCMS-234	SP-3	4/21/89		600	4.70	4.30	0.0	74.0		8.01		0.81		255.0			Marquise Mining Corp.	32870102
BCMS-234	SW-120	6/7/89		637		4.70	2.0	38.0		4.51		0.80		250.0			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	7/27/89		684	4.50	4.20	0.0	60.0		4.35		0.74		325.0			Bentley Coal Company	36860102
BCMS-234	SP-3	7/31/89		600	5.00	4.30	0.0	86.0		5.97		0.73		315.0			Marquise Mining Corp.	32870102
BCMS-234	SW-120	9/27/89		1032	4.00	3.89	0.0	48.3		4.23		1.05		477.9			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	10/3/89		1386	4.50	4.10	0.0	62.0		6.07		1.06		420.0			Bentley Coal Company	36860102
BCMS-234	SP-3	10/6/89		1272	5.00	5.00	2.0	68.0		8.68		0.96		485.0			Marquise Mining Corp.	32870102
BCMS-234	SW-120	12/19/89		881	4.40	4.42	0.0	27.0		40.60		1.24		354.7			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	1/12/90		412	5.50	5.20	4.0	48.0		6.46		0.63		74.0			Bentley Coal Company	36860102
BCMS-234	SP-3	2/14/90		384	4.00	4.10	0.0	80.0		4.00		0.41		105.0			Marquise Mining Corp.	32870102
BCMS-234	SW-120	3/6/90		639	4.30	4.12	0.0	35.0		8.51		0.45		234.4			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	4/18/90		484	4.90	5.00	4.0	32.0		6.13		0.45		190.0			Bentley Coal Company	36860102
BCMS-234	SP-3	5/14/90		540	5.50	5.40	4.0	44.0		6.35		0.53		230.0			Marquise Mining Corp.	32870102
BCMS-234	SW-120	6/11/90		543	4.60	4.42	0.0	8.8		4.15		0.63		241.5			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	7/16/90		320	5.00	4.90	2.0	28.0		4.57		0.54		53.0			Bentley Coal Company	36860102
BCMS-234	SP-3	7/25/90		432	5.00	5.20	4.0	42.0		5.12		0.60		65.0			Marquise Mining Corp.	32870102
BCMS-234	SW-120	8/15/90		1061	4.10	3.85	0.0	51.9		3.43		1.14		485.3			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	10/5/90		780	5.40	4.80	2.0	52.0		3.34		0.86		410.0			Bentley Coal Company	36860102
BCMS-234	SP-3	10/5/90		681	6.00	5.60	6.0	70.0		5.82		0.80		465.0			Marquise Mining Corp.	32870102
BCMS-234	SW-120	10/10/90		898	4.40	4.34	0.0	21.9		5.91		0.91		431.0			M.B. Energy, Inc.	32880104
BCMS-234	SW-120	1/7/91		318	4.10	4.27	0.0	33.8		7.92		0.53		126.0			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	3/7/91		216	5.50	5.10	6.0	38.0		4.81		0.30		53.0			Bentley Coal Company	36860102
BCMS-234	SW-120	4/16/91		373	4.70	4.55	<1.0	11.5		5.68		0.48		149.2			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	5/9/91		394	5.50	4.70	4.0	20.0		4.06		0.41		84.0			Bentley Coal Company	36860102
BCMS-234	SW-120	7/22/91		1169	4.40	4.00	0.0	35.7		1.56		0.87		630.7			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	8/2/91		1442	4.30	3.50	0.0	48.0		3.71		1.23		760.0			Bentley Coal Company	36860102
BCMS-234	SW-120	10/31/91		1437	6.80	6.74	1.6	11.1		5.63		0.79		863.4			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	12/9/91		584	5.00	5.00	2.0	28.0		5.31		0.57		180.0			Bentley Coal Company	36860102
BCMS-234	SW-120	1/3/92		545	6.30	4.41	0.0	25.6		5.29		0.64		245.4			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	2/7/92		571	5.00	5.40	0.0	34.0		10.88		0.66		265.0			Bentley Coal Company	36860102
BCMS-234	SW-120	4/8/92		281	7.00	4.60	<1.0	67.6		3.47		0.41		106.3			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	6/8/92		958	5.20	5.00	4.0	32.0		5.30		0.74		475.0			Bentley Coal Company	36860102
BCMS-234	SW-120	8/14/92		631	4.80	3.99	0.0	38.2		5.54		0.88		256.0			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	9/3/92		888	4.00	4.50	0.0	138.0		7.32		0.92		590.0			Bentley Coal Company	36860102
BCMS-234	SP-3	11/27/92		340	4.10	4.90	3.0	16.0		3.02		0.54		140.0			Bentley Coal Company	36860102
BCMS-234	SW-120	12/2/92		509	5.00	4.64	<1.0	14.9		5.39		0.61		210.9			M.B. Energy, Inc.	32880104
BCMS-234	SW-120	1/5/93		273	6.50	4.70	<1.0	13.5		4.41		0.41		73.4			M.B. Energy, Inc.	32880104
BCMS-234	SP-3	1/21/93		240	5.80	6.00	5.0	3.0		0.90		0.18		51.0			Bentley Coal Company	36860102
BCMS-234	SP-3	5/19/93		405	4.80	4.80	2.0	20.0		3.52		0.42		173.0			Bentley Coal Company	36860102
BCMS-234	SW-120	6/10/93		197	5.60	5.09	1.4	7.2		2.47		0.39		60.7			M.B. Energy, Inc.	32880104
BCMS-234	SW-120	7/29/93		491	5.40	4.97	1.5	14.1		17.12		0.85		166.2			M.B. Energy, Inc.	32880104
BCMS-234	SW-120	11/2/93		488	5.80	4.83	1.7	29.8		5.81		1.00		128.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	6/26/86	25000	873	3.40	4.00	0.0	54.0		10.00		1.50		460.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	7/30/86	112500	858	3.40	3.60	0.0	61.0		4.50		1.60		380.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-25	7/30/86	10000	859	3.40	3.70	0.0	47.0		5.10		1.20		390.0			M.B. Energy, Inc.	32880106

**Blacklick Creek Watershed Assessment / Restoration Plan**

**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-235	SW-136	8/28/86	112500	1510	4.10	3.90	0.0	41.0		6.40		0.90		870.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	9/22/86	60000	1439	4.40	3.90	0.0	50.0		9.20		2.10		720.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-25	10/30/86	67500	769	3.20	3.90	0.0	50.0		6.30		1.50		420.0			M.B. Energy, Inc.	32880106
BCMS-235	SW-136	2/20/87	22000	957	3.80	3.90	0.0	156.0		12.00		4.20		550.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-25	5/13/87	67500	725	3.90	4.00	0.0	58.0		15.00		1.10		320.0			M.B. Energy, Inc.	32880106
BCMS-235	SW-136	7/15/87	18900	890	5.00	4.60	1.0	25.0		5.60		1.70		500.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	8/17/88		1430	3.70	3.90	0.0	27.0		1.88		1.25		940.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	2/27/89		472		4.30	0.0	55.0		4.81		1.92		190.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	6/7/89		808		3.50	0.0	104.0		5.71		2.20		290.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	9/27/89		1038	4.10	3.91	0.0	42.6		4.30		1.11		465.2			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	12/19/89		877	4.50	4.52	<1.0	20.9		15.32		1.23		363.8			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	3/6/90		646	4.40	4.16	0.0	33.5		10.74		0.87		263.3			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	6/11/90		543	4.60	4.44	0.0	18.5		0.06		0.63		220.2			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	8/15/90		1044	4.10	3.87	0.0	49.0		3.05		1.15		459.5			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	10/10/90		912	4.40	4.34	0.0	21.5		4.62		0.90		431.0			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	1/7/91		321	4.30	4.19	0.0	32.7		6.72		0.52		130.7			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	4/16/91		354	5.00	4.72	1.0	10.2		5.65		0.48		145.3			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	7/22/91		1161	4.20	3.97	0.0	37.0		1.63		0.87		618.7			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	10/31/91		1436	6.80	6.31	1.3	11.6		5.52		0.78		806.4			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	1/3/92		547	6.30	4.56	<1.0	28.7		6.01		0.65		244.6			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	4/8/92		292	4.00	4.31	0.0	58.3		4.03		0.42		86.1			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	8/14/92		638	5.00	4.47	0.0	38.2		5.91		0.88		251.1			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	12/2/92		499	5.00	4.78	1.1	16.5		5.30		0.61		197.7			M.B. Energy, Inc.	32880104
BCMS-235	SW-25	12/2/92		498	5.00	4.75	1.0	15.0		5.50		0.62		216.7			M.B. Energy, Inc.	32880106
BCMS-235	SW-136	1/5/93		276	6.70	4.66	<1.0	12.5		5.21		0.43		81.8			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	6/10/93		217	5.00	5.10	1.4	5.6		2.35		0.39		67.7			M.B. Energy, Inc.	32880104
BCMS-235	SW-136	7/29/93		501	5.30	7.11	1.4	13.4		12.00		0.81		207.4			M.B. Energy, Inc.	32880104
BCMS-235	SW-25	7/29/93		492	5.30	4.91	1.7	12.6		16.20		0.82		193.9			M.B. Energy, Inc.	32880106
BCMS-235	SW-136	11/2/93		494	5.70	4.71	1.4	34.6		5.56		1.14		206.7			M.B. Energy, Inc.	32880104
BCMS-235	SW-25	2/10/94		458	5.00	3.84	0.0	37.3		5.72		1.21		188.2			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	6/9/94		631	4.90	4.16	0.0	28.7		4.69		0.98		276.0			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	7/12/94		1241	4.30	3.90	0.0	24.4		3.02		0.97		615.5			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	12/1/94		309	4.60	4.70	<1.0	20.7		2.67		0.70	2.10	108.8			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	2/13/95		804	5.10	5.04	2.6	33.9		7.09		1.22	4.46	351.1			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	6/2/95		660	5.70	5.47	2.7	19.7		3.90		0.66	1.53	285.5			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	8/17/95		697	4.50	4.30	0.0	22.8		3.65		0.55	1.92	316.0			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	11/6/95		699	4.10	3.84	0.0	28.3		11.34		0.99	1.93	301.3			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	3/5/96		188	6.00	6.54	7.8	1.9		0.35		0.13	0.37	47.1			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	5/10/96		290	5.50	4.82	1.1	10.8		2.78		0.73	1.90	116.0			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	7/8/96		661	4.50	3.78	0.0	38.9		5.98		0.85	2.01	275.3			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	10/3/96		491	4.00	4.36	0.0	38.8		5.51		0.71	3.22	197.9			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	3/19/97		328	5.00	4.72	1.2	13.5		4.71		0.43	2.03	122.8			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	5/6/97		583	4.00	5.66	2.4	6.5		0.20		0.70	1.49	226.5			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	8/18/97		462	4.00	3.92	0.0	62.9		34.84		1.17	11.46	185.2			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	12/26/97		218	6.00	4.88	1.2	11.2		2.70		0.36	1.11	59.2			M.B. Energy, Inc.	32880106
BCMS-235	SW-25	3/24/98		413	5.00	4.49	0.0	39.9		3.92		0.67	3.32	149.9			M.B. Energy, Inc.	32880106
BCMS-236	SW-26	5/6/86	39000	947	3.90	4.90	1.0	23.0		97.00		1.20		480.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	6/26/86	27000	873	4.00	4.00	0.0	54.0		10.00		1.50		460.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	7/30/86	11250	859	3.70	3.70	0.0	47.0		5.10		1.20		390.0			M.B. Energy, Inc.	32950101

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-236	SW-26	8/28/86	140625	1510	3.70	3.90	0.0	41.0		6.20		0.90		930.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	9/22/86	60000	1442	4.40	3.90	0.0	51.0		9.30		2.10		850.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	10/30/86	135000	771	3.50	4.10	0.0	46.0		10.00		1.30		420.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	5/13/87	90000	733	3.90	4.00	0.0	58.0		15.00		1.10		320.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	6/7/89	1721	1809		3.00	0.0	806.0		260.00		3.29		1000.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	9/27/89		1214	3.50	3.32	0.0	87.5		17.74		1.70		512.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	12/19/89		876	4.40	4.48	0.0	20.7		11.04		1.23		372.8			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	3/6/90		641	4.30	4.12	0.0	33.9		20.16		1.80		268.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	6/11/90		544	4.60	4.52	<1.0	18.3		1.52		0.74		228.7			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	8/15/90		1040	4.10	3.88	0.0	49.1		0.13		1.19		451.7			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	10/10/90		904	4.40	4.34	0.0	21.8		4.23		0.89		454.3			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	1/7/91		325	4.10	4.18	0.0	34.0		9.20		0.54		126.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	4/16/91		354	5.00	4.75	1.2	9.4		6.17		0.48		142.9			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	7/22/91		1154	4.20	3.95	0.0	39.2		1.77		0.87		601.9			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	10/31/91		1429	6.80	5.98	2.1	15.4		5.55		0.77		848.4			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	1/3/92		548	6.30	4.56	<1.0	28.0		5.92		0.66		249.4			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	4/8/92		287	4.00	4.17	0.0	63.6		4.05		0.42		102.8			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	8/14/92		629	4.80	4.44	0.0	36.5		6.05		0.89		241.7			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	12/2/92		499	5.00	4.78	1.1	16.5		5.30		0.61		197.7			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	1/5/93		272	6.70	4.71	<1.0	13.2		3.51		0.40		88.3			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	6/10/93		371	5.00	3.54	0.0	66.8		9.19		0.89		124.4			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	7/29/93		555	4.10	4.45	0.0	40.2		0.40		1.05		237.9			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	11/2/93		463	5.20	4.93	1.9	22.6		4.91		0.82		196.0			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	2/10/94		440	4.90	4.19	0.0	44.5		6.38		1.37		165.6			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	6/21/94	3	1439	6.40	3.02	0.0	174.1		34.48		1.88		604.9			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	7/12/94		1345	4.10	3.48	0.0	49.2		5.65		1.15		652.7			M.B. Energy, Inc.	32950101
BCMS-236	SW-26	12/1/94		286	6.40	5.05	1.5	8.8		3.45		0.41	1.73	101.5			M.B. Energy, Inc.	32950101
BCMS-237	49	6/1/02		0		6.60	14.4	1.0		0.28		0.03	0.19	20.0	0		ICCD - Multi County	
BCMS-237	NB-7	6/26/03	40859	340		7.45	30.6	4.3		2.35		0.13	-0.10	117.5	4	228	BCWA Assessment-IUP	
BCMS-237	NB-7	7/30/03	37078	367		7.02	37.9	3.1		2.88		0.18	-0.10	119.3	4	228	BCWA Assessment-IUP	
BCMS-237	NB-7	8/21/03	33245	507		6.90	49.0	3.2		2.09		0.17	-0.10	177.3	4	344	BCWA Assessment-IUP	
BCMS-237	NB-7	9/28/03	123924	186		6.52	17.7	6.9		4.11		0.30	1.35	51.9	74	132	BCWA Assessment-IUP	
BCMS-237	NB-7	10/26/03	27838	403		6.90	30.2	3.3		1.29		0.22	1.00	139.9	-2	258	BCWA Assessment-IUP	
BCMS-237	NB-7	12/7/03	123924	313		7.42	27.2	8.3		2.17		0.22	1.14	85.8	6	232	BCWA Assessment-IUP	
BCMS-237	NB-7	1/2/04	87286	229		7.03	16.1	4.3		2.69		0.18	1.70	74.6	4	122	BCWA Assessment-IUP	
BCMS-237	NB-7	2/2/04	87286	542		6.84	19.6	6.0		4.20		0.39	2.26	223.4	2	382	BCWA Assessment-IUP	
BCMS-237	NB-7	2/28/04	39063	355		6.67	22.1	5.1		3.41		0.21	1.04	116.3	8	226	BCWA Assessment-IUP	
BCMS-237	NB-7	3/27/04	68585	246		6.73	15.1	3.9		1.67		0.17	2.14	77.4	2	134	BCWA Assessment-IUP	
BCMS-237	NB-7	4/17/04	94268	194		6.92	12.4	4.0		1.23		0.16	0.63	59.5	8	122	BCWA Assessment-IUP	
BCMS-237	NB-7	5/14/04	47167	441		7.19	34.7	3.7		3.32		0.29	0.36	155.7	10	322	BCWA Assessment-IUP	
BCMS-245	50-4	5/9/00	25	357		5.29	3.9	15.2		7.49		1.74	0.26	150.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-245	50-4	5/31/00	46	493		3.83	<2.0	23.7		23.37		12.70	0.21	217.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-245	50-4	6/27/00	243	593		6.08	18.1	40.2		23.00		4.07	0.16	330.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-245	50-4	7/21/00	236	217		6.05	6.6	3.5		1.33		0.61	0.11	88.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-245	301257	6/1/02	10	740		4.65	1.0	62.4		25.80		11.20	5.58	382.0	31		ICCD - Multi County	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-246	50-4A	5/9/00		590		4.15	<2.0	20.9		7.48		4.89	0.30	266.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-246	50-4A	5/31/00		305		5.68	4.0	11.9		4.59		1.91	0.19	137.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-246	50-4A	6/27/00		608		5.66	4.4	33.6		9.60		4.98	0.09	342.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-246	50-4A	7/21/00	36	828		3.70	<2.0	21.4		10.20		7.87	0.11	497.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-246	301214	6/1/02	10	990		4.03	1.0	115.2		113.50		14.70	7.59	552.0	65		ICCD - Multi County	
BCMS-247	50-5	5/9/00	162	659		5.43	3.5	21.9		8.40		2.07	1.27	332.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-247	50-5	5/31/00		469		5.20	2.8	32.8		4.92		1.42	1.45	197.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-247	50-5	6/27/00	161	721		5.87	5.3	23.6		10.85		2.51	1.23	479.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-247	50-5	7/21/00	119	858		5.21	3.3	27.5		15.10		3.33	1.23	559.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-248	50-6	5/9/00	187	674		5.43	3.6	21.3		8.42		1.82	1.57	333.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-248	50-6	5/31/00		484		5.14	2.7	24.8		4.69		1.35	1.50	256.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-248	50-6	6/27/00	200	734		6.11	6.4	20.1		12.00		2.28	1.29	475.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-248	50-6	7/21/00	141	854		4.15	<2.0	22.1		17.20		3.04	1.26	571.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-249	50-9	5/9/00		121		5.44.00	5.5	0.1		0.07		0.02	0.16	16.6			Stream Restoration Inc. Laurel Run Assess.	
BCMS-249	50-9	5/31/00		108		5.80	5.3	0.2		0.24		0.02	0.08	21.7			Stream Restoration Inc. Laurel Run Assess.	
BCMS-249	50-9	6/27/00	72	167		5.81	8.4	0.2		0.15		0.05	0.26	22.2			Stream Restoration Inc. Laurel Run Assess.	
BCMS-249	50-9	7/21/00		132		5.85	6.2	0.3		0.32		0.90	0.12	19.7			Stream Restoration Inc. Laurel Run Assess.	
BCMS-249	50-9	5/2/01	31	107		6.06	1.4	0.1		0.06		0.03	0.11	22.2			Stream Restoration Inc. Laurel Run Assess.	
BCMS-249	50-9	6/12/01		111		6.17	5.3	0.1		0.08		0.05	0.11	16.4			Stream Restoration Inc. Laurel Run Assess.	
BCMS-249	50-9	6/29/01															Stream Restoration Inc. Laurel Run Assess.	
BCMS-249	50-9	7/13/01		107		5.90	10.8	6.8		<0.05		0.07	<0.05	<5.0			Stream Restoration Inc. Laurel Run Assess.	
BCMS-249	50-9	8/8/01															Stream Restoration Inc. Laurel Run Assess.	
BCMS-249	50-9	10/15/01															Stream Restoration Inc. Laurel Run Assess.	
BCMS-252	MB-10	6/26/03	42	2218		2.73	0.0	460.4		103.27		3.23	21.06	1078.8	-2	2074	BCWA Assessment-IUP	
BCMS-252	MB-10	7/30/03	84	2158		2.69	0.0	427.2		94.01		3.31	20.25	841.4	-2	2086	BCWA Assessment-IUP	
BCMS-252	MB-10	8/20/03	86	2224		2.67	0.0	456.7		126.49		3.44	24.37	1033.4	-2	2058	BCWA Assessment-IUP	
BCMS-252	MB-10	9/27/03	88	2072		2.75	0.0	416.4		102.04		3.31	21.40	901.3	14	1714	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCMS-252	MB-10	10/24/03	90	2208		2.75	0.0	490.0		128.81		3.45	20.83	996.0	-2	1096	BCWA Assessment-IUP	
BCMS-252	MB-10	12/5/03	88	1933		3.03	0.0	395.9		93.82		2.91	21.15	912.9	6	1532	BCWA Assessment-IUP	
BCMS-252	MB-10	12/31/03	328	1866		2.83	0.0	374.5		100.85		2.74	18.42	926.5	4	1364	BCWA Assessment-IUP	
BCMS-252	MB-10	2/28/04	350	1946		2.86	0.0	421.6		81.22		2.55	24.20	807.9	4	1398	BCWA Assessment-IUP	
BCMS-252	MB-10	3/26/04		2006		2.79	0.0	408.7		92.07		2.93	21.38	851.0	-2	1484	BCWA Assessment-IUP	
BCMS-252	MB-10	4/16/04		1822		2.65	0.0	330.9		74.47		2.85	17.54	729.9	-2	1636	BCWA Assessment-IUP	
BCMS-252	MB-10	5/13/04		2244		2.67	0.0	470.3		128.46		3.82	23.23	1057.4	-2	2282	BCWA Assessment-IUP	
BCNB-001	BCS-80A	5/10/74	1086			2.70	0.0	420.0		135.00	109.80			475.0			Blacklick Scarlift	
BCNB-001	BCS-80A	6/5/74	3185			2.80	0.0	380.0		147.00	0.00			625.0			Blacklick Scarlift	
BCNB-001	BCS-80A	6/19/74	3222			3.00	0.0	400.0		106.70	0.00			875.0			Blacklick Scarlift	
BCNB-001	BCS-80A	6/26/74	2667			2.60	0.0	600.0		76.40	3.40			550.0			Blacklick Scarlift	
BCNB-001	BCS-80A	7/18/74	2302			2.50	0.0	300.0		144.30	128.80			875.0			Blacklick Scarlift	
BCNB-001	BCS-80A	7/30/74	3204			2.60	0.0	500.0		128.00	127.70			900.0			Blacklick Scarlift	
BCNB-001	BCS-80A	8/1/74	2859			2.80	0.0	400.0		133.00	124.30			950.0			Blacklick Scarlift	
BCNB-001	BCS-80A	8/13/74	3209			2.90	0.0	500.0		88.10	5.60			600.0			Blacklick Scarlift	
BCNB-001	BCS-80A	8/21/74	3338			2.90	0.0	600.0		148.00	123.20			800.0			Blacklick Scarlift	
BCNB-001	BCS-80A	9/5/74	2515			2.40	0.0	500.0		140.00	134.40			800.0			Blacklick Scarlift	
BCNB-001	BCS-80A	9/11/74	2652			2.90	0.0	400.0		320.40	112.00			750.0			Blacklick Scarlift	
BCNB-001	REDMILL	9/6/96	302	0	0.00	3.50	0.0	142.0	0.0	38.00	0.64	1.21	2.72	302.0	32	0	Redmill Remedy	
BCNB-001	REDMILL	9/12/96	302			3.50	0.0	130.0		40.30	36.70	1.26	3.07	51.0	8		Redmill Remedy	
BCNB-001	REDMILL	9/17/96	302			3.40	0.0	166.0		36.10	36.70	1.33	3.71	324.0	6		Redmill Remedy	
BCNB-001	REDMILL	10/3/96	302			2.10	0.0	702.0		46.80	25.00	1.49	5.08	194.0	30		Redmill Remedy	
BCNB-001	REDMILL	10/25/96	422			3.40	0.0	178.0		52.10	42.80	2.00	7.06	84.0	6		Redmill Remedy	
BCNB-001	REDMILL	11/6/96	422			3.40	0.0	320.0		52.80	2.10	2.22	18.40	463.0	14		Redmill Remedy	
BCNB-001	REDMILL	12/3/96	624			3.30	0.0	204.0		44.70	40.30	2.12	7.91	413.0	8		Redmill Remedy	
BCNB-001	REDMILL	1/8/97	624			3.30	0.0	188.0		47.60	36.20	2.49	8.81	165.0	22		Redmill Remedy	
BCNB-001	REDMILL	2/21/97	624			3.40	0.0	204.0		41.10	41.31	1.86	7.35		10		Redmill Remedy	
BCNB-001	REDMILL	3/20/97	769			3.30	0.0	200.0						355.0	1		Redmill Remedy	
BCNB-001	REDMILL	3/25/97	925			6.60	74.0	0.0		46.30	31.62	2.37	9.50	260.0	10		Redmill Remedy	
BCNB-001	REDMILL	4/24/97	769			3.50	0.0	152.0		43.90	38.00	2.01	6.40	256.0	4		Redmill Remedy	
BCNB-001	REDMILL	5/23/97	550			3.50	0.0	168.0		49.50	50.49	1.73	5.34	320.0	2		Redmill Remedy	
BCNB-001	REDMILL	5/27/97	840			3.00	0.0	250.0		54.10	24.99	1.70	9.68	255.0	2		Redmill Remedy	
BCNB-001	REDMILL	5/29/97	1150			2.90	0.0	266.0		53.10	10.92	1.51	9.75	249.0	14		Redmill Remedy	
BCNB-001	REDMILL	6/12/97	780			3.30	0.0	238.0		51.00	36.20	2.46	10.90	319.0	2		Redmill Remedy	
BCNB-001	REDMILL	6/24/97	552			3.20	0.0	230.0		51.80	39.27	2.14	9.05	431.0	1		Redmill Remedy	
BCNB-001	REDMILL	7/10/97	624			3.40	0.0	210.0		52.70	33.15	1.95	7.68	376.0	4		Redmill Remedy	
BCNB-001	51	6/1/02		0		3.30	1.0	226.0		52.60		2.09	8.35	370.0	0		ICCD - Multi County	
BCNB-001	NB-5	6/26/03	623	1235		2.90	0.0	164.1		37.08		1.86	7.95	422.3	-2	824	BCWA Assessment-IUP	
BCNB-001	NB-5	7/30/03	677	1192		2.94	0.0	147.5		43.50		1.78	6.34	431.6	12	700	BCWA Assessment-IUP	
BCNB-001	NB-5	8/21/03	656	1190		2.97	0.0	140.3		45.14		1.87	6.81	448.6	8	806	BCWA Assessment-IUP	
BCNB-001	NB-5	9/28/03	920	1171		3.00	0.0	163.3		42.94		1.90	7.68	448.7	4	680	BCWA Assessment-IUP	
BCNB-001	NB-5	10/26/03	696	1175		2.95	0.0	155.9		48.07		1.88	6.04	440.4	-2	700	BCWA Assessment-IUP	
BCNB-001	NB-5	12/7/03	76246	1138		3.24	0.0	213.7		32.77		1.64	11.16	334.2	-2	646	BCWA Assessment-IUP	
BCNB-001	NB-5	1/2/04	1021	928		3.15	0.0	147.6		21.97		1.23	8.21	325.7	16	412	BCWA Assessment-IUP	
BCNB-001	NB-5	2/2/04	1021	958		3.22	0.0	103.7		12.68		0.99	6.96	365.6	16	550	BCWA Assessment-IUP	
BCNB-001	NB-5	2/28/04	781	1136		3.02	0.0	172.9		35.95		1.48	7.81	430.7	-2	612	BCWA Assessment-IUP	
BCNB-001	NB-5	3/27/04	5591	779		3.04	0.0	106.0		12.50		0.95	6.50	239.1	18	330	BCWA Assessment-IUP	
BCNB-001	NB-5	4/17/04	5966	700		3.11	0.0	86.3		13.17		0.88	3.66	189.5	8	356	BCWA Assessment-IUP	
BCNB-001	NB-5	5/14/04	1746	1510		2.76	0.0	282.1		88.30		2.11	16.51	530.9	-2	1014	BCWA Assessment-IUP	

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Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCNB-005	NB-6	6/26/03		1845		3.40	0.0	357.1		55.56		2.02	7.10	738.6	2	1412	BCWA Assessment-IUP	
BCNB-005	NB-6	7/30/03		1586		3.35	0.0	296.0		105.95		2.37	9.09	702.7	10	1088	BCWA Assessment-IUP	
BCNB-005	NB-6	8/21/03		1809		4.59	1.6	383.2		173.19		2.58	7.20	881.7	-2	1572	BCWA Assessment-IUP	
BCNB-005	NB-6	9/28/03		1720		4.40	0.0	337.2		143.00		2.10	5.53	727.7	164	1112	BCWA Assessment-IUP	
BCNB-005	NB-6	10/26/03		1638		4.54	-1.0	393.9		145.63		2.40	6.19	909.1	-2	1456	BCWA Assessment-IUP	
BCNB-005	NB-6	12/7/03		1626		4.40	0.0	389.6		118.60		2.34	12.91	663.5	-2	1198	BCWA Assessment-IUP	
BCNB-005	NB-6	1/2/04		1558		4.18	0.0	380.9		114.11		2.42	13.37	767.4	-2	1134	BCWA Assessment-IUP	
BCNB-005	NB-6	2/28/04		1636		3.80	0.0	401.7		96.42		2.20	10.75	896.8	10	1304	BCWA Assessment-IUP	
BCNB-005	NB-6	3/27/04		1362		3.17	0.0	254.1		85.47		1.87	16.54	523.3	-2	794	BCWA Assessment-IUP	
BCNB-005	NB-6	4/17/04		1342		2.91	0.0	204.4		73.05		2.08	13.43	470.1	-2	1000	BCWA Assessment-IUP	
BCNB-005	NB-6	5/14/04		2080		3.64	0.0	408.7		182.39		2.65	8.93	890.4	-2	1706	BCWA Assessment-IUP	
BCNB-010	NB-1	6/26/03	1173	892		3.19	0.0	203.3		22.44		1.00	24.11	371.0	42	488	BCWA Assessment-IUP	
BCNB-010	NB-1	7/30/03	1331	1229		3.03	0.0	279.7		26.30		1.69	36.25	508.8	38	762	BCWA Assessment-IUP	
BCNB-010	NB-1	8/21/03	1819	1959		3.43	0.0	203.5		19.69		1.15	32.83	876.5	42	1528	BCWA Assessment-IUP	
BCNB-010	NB-1	9/28/03	6076	507		4.03	0.0	66.8		7.69		0.65	8.21	211.1	26	336	BCWA Assessment-IUP	
BCNB-010	NB-1	10/26/03	1774	861		3.16	0.0	177.6		17.83		0.82	21.72	356.8	20	530	BCWA Assessment-IUP	
BCNB-010	NB-1	12/7/03	6076	726		3.90	0.0	148.5		13.86		1.04	19.10	255.8	24	446	BCWA Assessment-IUP	
BCNB-010	NB-1	1/2/04	4086	513		4.01	0.0	91.6		8.51		0.68	10.84	209.3	18	300	BCWA Assessment-IUP	
BCNB-010	NB-1	2/2/04	4086	1678		3.21	0.0	398.0		58.21		1.93	56.13	794.0	42	1218	BCWA Assessment-IUP	
BCNB-010	NB-1	2/28/04	3383	1455		3.45	0.0	160.4		12.69		1.27	19.49	579.1	30	962	BCWA Assessment-IUP	
BCNB-010	NB-1	3/27/04	5065	1331		3.56	0.0	114.0		8.38		1.34	13.78	509.8	14	910	BCWA Assessment-IUP	
BCNB-010	NB-1	4/17/04	6789	466		3.73	0.0	90.0		7.63		0.51	11.06	183.8	6	290	BCWA Assessment-IUP	
BCNB-010	NB-1	5/14/04	2335	903		3.14	0.0	205.2		19.51		1.11	28.16	395.8	22	606	BCWA Assessment-IUP	
BCNB-013	TMDL-ELK-17	2/22/02	1356			6.08	15.1	2.6		1.50		0.99	0.34	38.0	1		TMDL-Elk Creek	
BCNB-013	TMDL-ELK-17	4/5/02	1875			6.74	18.5	-2.0		1.30		0.93	0.26	30.0	1		TMDL-Elk Creek	
BCNB-013	TMDL-ELK-17	4/26/02	1372			6.27	19.6	-2.1		1.23		0.97	0.26	28.0	6		TMDL-Elk Creek	
BCNB-013	TMDL-ELK-17	6/24/02	867			5.99	29.7	-0.7		1.25		0.95	0.13	37.0	3		TMDL-Elk Creek	
BCNB-013	TMDL-ELK-17	8/14/02	22			6.39	26.6	-5.7		4.00		6.30	0.41	143.0	9		TMDL-Elk Creek	
BCNB-013	TMDL-ELK-17	11/8/02	1164			6.17	15.7	2.8		1.70		1.10	0.34	47.0	6		TMDL-Elk Creek	
BCNB-013	NB-2	6/26/03	1273	209		7.31	27.4	4.7		1.52		0.79	-0.10	42.6	-2	102	BCWA Assessment-IUP	
BCNB-013	NB-2	7/30/03	1715	217		6.86	29.0	5.3		1.27		0.94	0.36	45.7	2	134	BCWA Assessment-IUP	
BCNB-013	NB-2	8/21/03	1633	221		6.71	32.3	3.3		1.26		1.03	0.61	43.3	4	124	BCWA Assessment-IUP	
BCNB-013	NB-2	9/28/03	5720	141		6.60	14.5	5.6		1.37		0.61	0.36	34.1	28	114	BCWA Assessment-IUP	
BCNB-013	NB-2	10/26/03	1167	218		6.44	21.3	11.3		1.71		1.35	0.43	54.6	-2	144	BCWA Assessment-IUP	
BCNB-013	NB-2	12/7/03	3745	198		7.13	19.5	10.9		1.87		1.10	1.02	39.4	6	94	BCWA Assessment-IUP	
BCNB-013	NB-2	1/2/04	7841	189		7.10	14.4	6.3		1.41		0.88	1.11	43.3	14	96	BCWA Assessment-IUP	
BCNB-013	NB-2	2/2/04	7841	263		6.68	20.6	14.4		5.76		3.19	1.38	80.3	12	156	BCWA Assessment-IUP	
BCNB-013	NB-2	2/28/04	2425	243		6.33	15.1	7.6		5.58		1.82	0.86	59.3	50	114	BCWA Assessment-IUP	
BCNB-013	NB-2	3/27/04	4930	166		6.67	14.1	4.7		1.06		0.64	1.05	36.7	-2	72	BCWA Assessment-IUP	
BCNB-013	NB-2	4/17/04	6740	155		6.96	13.2	5.1		0.71		0.47	0.57	30.8	-2	110	BCWA Assessment-IUP	
BCNB-013	NB-2	5/14/04	1552	204		6.73	21.0	7.5		2.07		1.35	-0.10	50.4	-2	166	BCWA Assessment-IUP	
BCNB-015	TMDL-ELK-14	2/22/02	4996			4.49	0.0	39.7		5.55		0.78	4.33	77.0	8		TMDL-Elk Creek	
BCNB-015	TMDL-ELK-14	4/5/02	6562			4.79	1.7	43.1		6.90		0.76	5.10	90.0	12		TMDL-Elk Creek	
BCNB-015	TMDL-ELK-14	4/26/02	5592			3.74	0.0	58.8		9.30		0.91	7.60	121.0	17		TMDL-Elk Creek	
BCNB-015	TMDL-ELK-14	6/24/02	2997			3.65	0.0	108.3		9.17		1.44	14.00	283.0	12		TMDL-Elk Creek	
BCNB-015	TMDL-ELK-14	8/14/02	402			3.08	0.0	332.5		13.00		5.90	46.00	783.0	0		TMDL-Elk Creek	
BCNB-015	TMDL-ELK-14	11/8/02	5073			4.24	0.0	36.1		5.10		0.82	4.30	120.0	14		TMDL-Elk Creek	
BCNB-016	TMDL-ELK-15	2/22/02	511			6.33	14.1	1.5		0.38		0.09	0.10	16.0	0		TMDL-Elk Creek	
BCNB-016	TMDL-ELK-15	4/5/02	414			6.60	12.2	-0.1		0.47		0.08	0.20	13.0	10		TMDL-Elk Creek	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.			Acidity (mg/l)									
BCNB-016	TMDL-ELK-15	4/26/02	279			6.22	17.7	0.5		0.81		0.29	0.32	11.0	7		TMDL-Elk Creek	
BCNB-016	TMDL-ELK-15	6/24/02	142			6.01	23.2	-6.0		0.42		0.13	0.04	11.0	4		TMDL-Elk Creek	
BCNB-016	TMDL-ELK-15	8/14/02	58			7.44	36.3	-26.6		0.14		0.05	0.02	5.0	4		TMDL-Elk Creek	
BCNB-016	TMDL-ELK-15	11/8/02	514			6.32	22.7	-12.1		0.58		0.16	0.13	13.0	6		TMDL-Elk Creek	
BCNB-017	TMDL-ELK-10	2/22/02	17072			6.70	38.0	-20.1		1.62		0.37	1.07	115.0	5		TMDL-Elk Creek	
BCNB-017	TMDL-ELK-10	4/5/02	24095			7.17	48.6	-24.3		2.00		0.33	1.20	170.0	13		TMDL-Elk Creek	
BCNB-017	TMDL-ELK-10	4/26/02	21721			6.65	40.8	-16.2		2.10		0.33	1.60	174.0	15		TMDL-Elk Creek	
BCNB-017	48	6/1/02		0		6.60	32.0	1.0		4.82		0.46	2.15	251.0	0		ICCD - Multi County	
BCNB-017	TMDL-ELK-10	6/24/02	15690			6.34	66.2	-27.8		1.73		0.41	1.65	227.0	15		TMDL-Elk Creek	
BCNB-017	TMDL-ELK-10	8/14/02	8573			8.27	136.3	-103.2		0.33		0.43	0.92	391.0	1		TMDL-Elk Creek	
BCNB-017	TMDL-ELK-10	11/8/02	14040			6.90	50.1	-24.9		1.50		0.37	0.97	109.0	8		TMDL-Elk Creek	
BCNB-018	TMDL-ELK-12	2/22/02	13088			6.78	46.2	-32.6		2.55		0.44	1.63	141.0	7		TMDL-Elk Creek	
BCNB-018	TMDL-ELK-12	4/5/02	16207			8.11	156.6	-41.0		2.50		0.42	1.20	240.0	4		TMDL-Elk Creek	
BCNB-018	TMDL-ELK-12	4/26/02	16700			6.44	71.3	-38.0		3.00		0.49	1.60	213.0	11		TMDL-Elk Creek	
BCNB-018	TMDL-ELK-12	6/24/02	15418			6.09	77.8	-25.9		2.34		0.51	2.57	286.0	18		TMDL-Elk Creek	
BCNB-018	TMDL-ELK-12	8/14/02	5936			7.55	142.7	-104.1		1.10		0.58	1.00	388.0	8		TMDL-Elk Creek	
BCNB-018	TMDL-ELK-12	11/8/02	13292			6.65	59.6	-23.9		2.20		0.45	1.50	111.0	12		TMDL-Elk Creek	
BCNB-019	TMDL-ELK-13	2/22/02	10733			6.24	41.9	-21.3		2.71		0.40	1.78	110.0	7		TMDL-Elk Creek	
BCNB-019	TMDL-ELK-13	4/5/02	14798			6.91	50.5	-25.9		3.10		0.39	2.00	154.0	2		TMDL-Elk Creek	
BCNB-019	TMDL-ELK-13	4/26/02	15298			6.36	44.8	-2.1		3.40		0.40	2.60	184.0	16		TMDL-Elk Creek	
BCNB-019	TMDL-ELK-13	6/24/02	11349			5.89	57.8	-17.8		2.68		0.47	3.60	255.0	21		TMDL-Elk Creek	
BCNB-019	TMDL-ELK-13	8/14/02	4597			7.31	130.3	-84.3		0.99		0.62	2.10	346.0	13		TMDL-Elk Creek	
BCNB-019	TMDL-ELK-13	11/8/02	11191			6.45	59.4	-24.5		2.50		0.47	1.60	119.0	12		TMDL-Elk Creek	
BCNB-021	TMDL-ELK-19	2/22/02	552			6.85	27.6	-19.4		0.07		0.05	0.02	29.0	1		TMDL-Elk Creek	
BCNB-021	TMDL-ELK-19	4/5/02	511			7.36	35.6	-26.9		0.06		0.02	0.02	25.0	2		TMDL-Elk Creek	
BCNB-021	TMDL-ELK-19	4/26/02	487			6.58	30.3	-15.7		0.32		0.02	0.15	23.0	6		TMDL-Elk Creek	
BCNB-021	TMDL-ELK-19	6/24/02	176			6.15	47.4	-25.0		0.11		0.02	0.02	39.0	3		TMDL-Elk Creek	
BCNB-021	TMDL-ELK-19	8/14/02	27			7.66	56.3	-41.6		0.39		0.06	0.05	44.0	6		TMDL-Elk Creek	
BCNB-021	TMDL-ELK-19	11/8/02	441			6.46	33.6	-21.6		0.09		0.04	0.02	28.0	3		TMDL-Elk Creek	
BCNB-025	50	6/1/02		0		6.30	14.6	1.0		2.06		0.30	1.56	145.0	0		ICCD - Multi County	
BCNB-027	52	6/1/02		0		6.50	18.6	1.0		2.85		0.25	1.14	130.0	0		ICCD - Multi County	
BCNB-028	101034	6/1/02		390		5.93	13.6	1.0		0.22		0.15	0.42	41.0	9		ICCD - Multi County	
BCNB-029	KBLNBR	4/19/00				6.30	15.8		0.0	8.70	0.21	0.90	0.27	120.0	16		Stream Team	
BCNB-030	TMDL-ELK-11	2/22/02	1712			5.92	5.0	2.6		0.05		0.07	0.08	13.0	0		TMDL-Elk Creek	
BCNB-030	TMDL-ELK-11	4/5/02	2347			6.24	4.6	3.1		0.04		0.03	0.11	11.0	1		TMDL-Elk Creek	
BCNB-030	TMDL-ELK-11	4/26/02	2677			5.96	5.7	5.4		0.00		0.04	0.11	10.0	1		TMDL-Elk Creek	
BCNB-030	TMDL-ELK-11	6/24/02	1143			5.76	14.2	6.7		0.22		0.03	0.13	11.0	5		TMDL-Elk Creek	
BCNB-030	TMDL-ELK-11	8/14/02	22			6.75	11.6	-3.6		0.65		0.28	0.02	9.0	2		TMDL-Elk Creek	
BCNB-030	TMDL-ELK-11	11/8/02	1639			5.98	5.7	4.0		0.06		0.05	0.11	15.0	1		TMDL-Elk Creek	
BCNB-032	NB-4	6/27/03	58089	362		7.65	40.6	3.3		0.44		0.11	0.16	114.7	4	244	BCWA Assessment-IUP	
BCNB-032	NB-4	7/30/03	439372	387		7.34	51.1	3.1		0.52		0.16	0.28	122.2	6	234	BCWA Assessment-IUP	
BCNB-032	NB-4	8/21/03	35341	541		7.34	62.5	2.0		0.69		0.20	0.99	191.0	4	374	BCWA Assessment-IUP	
BCNB-032	NB-4	9/28/03	76246	180		6.84	21.6	3.7		2.67		0.26	0.90	50.9	60	140	BCWA Assessment-IUP	
BCNB-032	NB-4	10/26/03	21777	434		7.09	37.6	2.8		1.01		0.21	0.81	154.6	-2	294	BCWA Assessment-IUP	
BCNB-032	NB-4	12/7/03	767	343		7.68	34.6	6.9		1.56		0.22	1.62	96.5	-2	196	BCWA Assessment-IUP	
BCNB-032	NB-4	1/2/04	79136	240		7.33	20.8	4.7		1.73		0.17	1.45	73.0	8	124	BCWA Assessment-IUP	
BCNB-032	NB-4	2/2/04	79136	561		7.24	41.4	4.9		2.08		0.29	1.94	218.4	10	390	BCWA Assessment-IUP	
BCNB-032	NB-4	2/28/04	39400	375		6.86	28.5	4.0		1.73		0.21	1.18	108.7	2	226	BCWA Assessment-IUP	
BCNB-032	NB-4	3/27/04	51657	257		6.75	19.7	3.1		1.28		0.16	1.99	74.2	2	150	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCNB-032	NB-4	4/17/04	73225	204		7.08	17.3	3.2		0.87		0.15	0.53	54.9	10	134	BCWA Assessment-IUP	
BCNB-032	NB-4	5/14/04	24340	467		7.53	52.2	2.7		1.04		0.25	-0.10	159.2	4	330	BCWA Assessment-IUP	
BCNB-037	TMDL-ELK-18	2/22/02	1579			4.36	0.0	92.9		10.42		0.38	12.49	138.0	13		TMDL-Elk Creek	
BCNB-037	TMDL-ELK-18	4/5/02	2381			4.06	0.0	99.6		12.00		0.45	13.00	201.0	22		TMDL-Elk Creek	
BCNB-037	TMDL-ELK-18	4/26/02	2094			3.25	0.0	143.2		17.00		0.49	17.00	232.0	31		TMDL-Elk Creek	
BCNB-037	TMDL-ELK-18	6/24/02	1381			3.26	0.0	255.6		24.00		0.86	32.00	507.0	24		TMDL-Elk Creek	
BCNB-037	TMDL-ELK-18	8/14/02	122			2.80	0.0	948.5		71.00		2.90	129.00	1804.0	3		TMDL-Elk Creek	
BCNB-037	TMDL-ELK-18	11/8/02	1540			3.77	0.0	92.1		8.80		0.43	13.00	229.0	19		TMDL-Elk Creek	
BCNB-038	TMDL-ELK-16	2/22/02	1728			5.82	9.5	0.5		0.14		0.09	0.07	12.0	2		TMDL-Elk Creek	
BCNB-038	TMDL-ELK-16	4/26/02	2686			6.92	12.0	6.2		0.16		0.05	0.07	12.0	0		TMDL-Elk Creek	
BCNB-038	TMDL-ELK-16	6/24/02	1405			6.09	15.7	1.3		0.30		0.07	0.04	14.0	3		TMDL-Elk Creek	
BCNB-038	TMDL-ELK-16	8/14/02	26			7.14	40.6	-25.3		1.10		0.56	0.02	11.0	2		TMDL-Elk Creek	
BCNB-038	TMDL-ELK-16	11/8/02	1955			6.37	10.9	2.0		0.14		0.08	0.03	15.0	1		TMDL-Elk Creek	
BCNB-039	NB-3	6/26/03	5455	479		7.77	51.6	4.0		1.43		0.28	0.91	161.5	8	336	BCWA Assessment-IUP	
BCNB-039	NB-3	7/30/03	26194	577		7.41	76.5	4.4		1.37		0.43	1.07	193.0	14	384	BCWA Assessment-IUP	
BCNB-039	NB-3	8/21/03	26873	741		7.35	85.3	4.0		1.44		0.41	1.94	271.4	10	530	BCWA Assessment-IUP	
BCNB-039	NB-3	9/28/03	59100	217		6.75	19.3	4.7		2.69		0.29	0.94	72.5	44	156	BCWA Assessment-IUP	
BCNB-039	NB-3	10/26/03	7072	596		7.00	49.6	4.5		2.05		0.40	1.75	219.2	2	390	BCWA Assessment-IUP	
BCNB-039	NB-3	12/7/03	59100	457		7.47	45.3	7.2		2.39		0.35	1.62	149.3	8	286	BCWA Assessment-IUP	
BCNB-039	NB-3	1/2/04	40915	321		7.25	24.5	7.2		2.92		0.27	2.09	118.4	8	198	BCWA Assessment-IUP	
BCNB-039	NB-3	2/2/04	40915	729		7.28	55.8	4.7		3.97		0.41	3.85	304.5	22	512	BCWA Assessment-IUP	
BCNB-039	NB-3	2/28/04	23034	606		6.91	44.0	5.7		3.16		0.36	1.88	239.7	14	380	BCWA Assessment-IUP	
BCNB-039	NB-3	3/27/04	46714	354		6.62	23.9	4.8		2.14		0.26	2.53	116.3	4	172	BCWA Assessment-IUP	
BCNB-039	NB-3	4/17/04	68374	287		7.05	20.2	4.4		1.43		0.25	1.20	86.1	-2	174	BCWA Assessment-IUP	
BCNB-039	NB-3	5/14/04	20932	646		7.49	71.0	4.0		1.90		0.47	1.12	228.2	10	472	BCWA Assessment-IUP	
BCSB-001	BCS-106B	11/8/73	565			3.40	0.0	4400.0		1024.50	80.00			7000.0			Blacklick Scarlift	
BCSB-001	BCS-106B	12/5/73	557			2.80	0.0	13000.0		510.60	504.00			5250.0			Blacklick Scarlift	
BCSB-001	BCS-106B	1/2/74	434			2.60	0.0	2500.0		1689.70	1120.00			3825.0			Blacklick Scarlift	
BCSB-001	BCS-106B	1/31/74	741			3.00	0.0	2400.0		1338.80	1254.40			4975.0			Blacklick Scarlift	
BCSB-001	BCS-106B	2/19/74	741			2.80	0.0	2560.0		1900.00	1064.00		72.50	3775.0			Blacklick Scarlift	
BCSB-001	BCS-106B	3/14/74	741			3.00	0.0	2700.0		1338.80	896.00			3775.0			Blacklick Scarlift	
BCSB-001	BCS-106B	4/11/74	474			2.50	0.0	1500.0		1430.00	1030.40			3875.0			Blacklick Scarlift	
BCSB-001	BCS-106B	5/9/74	474			2.80	0.0	2450.0		1210.00	672.00			3125.0			Blacklick Scarlift	
BCSB-001	BCS-106B	6/5/74	474			2.80	0.0	2600.0		1230.00	672.00			3500.0			Blacklick Scarlift	
BCSB-001	BCS-106B	6/26/74	358			2.50	0.0	2100.0		348.90	293.40			2350.0			Blacklick Scarlift	
BCSB-001	BCS-106B	7/18/74	395			2.50	0.0	3100.0		858.00	840.00			2650.0			Blacklick Scarlift	
BCSB-001	BCS-106B	8/1/74	255			2.80	0.0	3100.0		1240.00	22.40			2950.0			Blacklick Scarlift	
BCSB-001	BCS-106B	8/13/74	305			2.80	0.0	3400.0		6970.00	884.80			3700.0			Blacklick Scarlift	
BCSB-001	BCS-106B	8/21/74	139			2.60	0.0	2500.0		935.00	436.80			4250.0			Blacklick Scarlift	
BCSB-001	BCS-106B	9/5/74	166			2.60	0.0	3200.0		996.00	952.00			4350.0			Blacklick Scarlift	
BCSB-001	BCS-106B	9/11/74	166			2.80	0.0	2900.0		3420.00	1209.60			4750.0			Blacklick Scarlift	
BCSB-002	BCS-111A	11/9/73	9			3.00	0.0	100.0		31.80	0.00			346.0			Blacklick Scarlift	
BCSB-002	BCS-111A	12/6/73	18			3.00	0.0	208.0		8.50	0.00			320.0			Blacklick Scarlift	
BCSB-002	BCS-111A	1/8/74	14			3.00	0.0	180.0		10.90	0.00			800.0			Blacklick Scarlift	
BCSB-002	BCS-111A	2/1/74	24			3.10	0.0	154.0		10.60	0.00			275.0			Blacklick Scarlift	
BCSB-002	BCS-111A	2/20/74	14			2.90	0.0	240.0		36.50	1.10			300.0			Blacklick Scarlift	
BCSB-002	BCS-111A	3/19/74	24			2.80	0.0	160.0		10.20	0.00			225.0			Blacklick Scarlift	
BCSB-002	BCS-111A	4/15/74	28			3.10	0.0	100.0		6.00	0.00			150.0			Blacklick Scarlift	
BCSB-002	BCS-111A	5/13/74	59			3.20	0.0	60.0		2.60	0.00			150.0			Blacklick Scarlift	



**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
BCSB-002	BCS-111A	9/12/74	6			2.80	0.0	600.0		15.10	1.10			625.0			Blacklick Scarlift	
BCSB-003	BCS-111B	11/9/73	15			2.90	0.0	500.0		21.20	0.00			350.0			Blacklick Scarlift	
BCSB-003	BCS-111B	12/6/73	19			2.90	0.0	300.0		12.80	0.00			265.0			Blacklick Scarlift	
BCSB-003	BCS-111B	1/8/74	17			2.80	0.0	10.0		9.70	0.00			225.0			Blacklick Scarlift	
BCSB-003	BCS-111B	2/1/74	19			2.90	0.0	300.0		5.40	0.00			525.0			Blacklick Scarlift	
BCSB-003	BCS-111B	2/20/74	12			2.90	0.0	220.0		10.30	0.00			275.0			Blacklick Scarlift	
BCSB-003	BCS-111B	3/19/74	19			2.80	0.0	180.0		6.20	0.00			150.0			Blacklick Scarlift	
BCSB-003	BCS-111B	4/15/74	19			3.00	0.0	114.0		6.00	0.00			175.0			Blacklick Scarlift	
BCSB-003	BCS-111B	5/13/74	23			3.00	0.0	100.0		3.10	0.00			150.0			Blacklick Scarlift	
BCSB-003	BCS-111B	9/12/74	4			2.90	0.0	500.0		10.80	0.00			550.0			Blacklick Scarlift	
BCSB-004	BCS-111C	11/9/73	14			2.80	0.0	400.0		24.00	0.00			426.0			Blacklick Scarlift	
BCSB-004	BCS-111C	12/6/73	34			2.40	0.0	420.0		15.20	0.00			350.0			Blacklick Scarlift	
BCSB-004	BCS-111C	1/8/74	18			2.70	0.0	8.0		12.90	0.00			325.0			Blacklick Scarlift	
BCSB-004	BCS-111C	2/1/74	24			2.90	0.0	100.0		6.90	0.00			350.0			Blacklick Scarlift	
BCSB-004	BCS-111C	2/20/74	9			2.80	0.0	240.0		11.70	0.00			275.0			Blacklick Scarlift	
BCSB-004	BCS-111C	3/19/74	29			2.70	0.0	200.0		7.90	0.00			200.0			Blacklick Scarlift	
BCSB-004	BCS-111C	4/15/74	29			2.90	0.0	148.0		8.00	0.00			300.0			Blacklick Scarlift	
BCSB-004	BCS-111C	5/13/74	58			3.90	0.0	80.0		5.20	0.00			100.0			Blacklick Scarlift	
BCSB-004	BCS-111C	9/12/74	5			3.90	0.0	500.0		11.50	0.00			575.0			Blacklick Scarlift	
BCSB-005	BCS-111D	11/9/73	87			2.90	0.0	400.0		21.20	5.80			351.0			Blacklick Scarlift	
BCSB-005	BCS-111D	12/6/73	183			2.50	0.0	420.0		18.90	0.00			315.0			Blacklick Scarlift	
BCSB-005	BCS-111D	1/8/74	117			2.70	0.0	8.0		12.90	0.00			225.0			Blacklick Scarlift	
BCSB-005	BCS-111D	2/1/74	161			2.90	0.0	100.0		8.40	0.00			150.0			Blacklick Scarlift	
BCSB-005	BCS-111D	2/20/74	40			2.90	0.0	200.0		15.50	1.10			325.0			Blacklick Scarlift	
BCSB-005	BCS-111D	3/19/74	189			2.80	0.0	180.0		9.10	0.00			225.0			Blacklick Scarlift	
BCSB-005	BCS-111D	4/15/74	183			2.90	0.0	152.0		10.00	0.00			150.0			Blacklick Scarlift	
BCSB-005	BCS-111D	5/13/74	421			2.90	0.0	100.0		8.20	0.00			225.0			Blacklick Scarlift	
BCSB-005	BCS-111D	9/12/74	29			3.00	0.0	500.0		14.40	1.10			525.0			Blacklick Scarlift	
BCSB-007	BCS-114A	11/12/73	3			3.00	0.0	194.0		8.40	0.00			415.0			Blacklick Scarlift	
BCSB-007	BCS-114A	12/5/73	7			3.00	0.0	210.0		4.20	0.00			150.0			Blacklick Scarlift	
BCSB-007	BCS-114A	1/4/74	9			3.10	0.0	164.0		3.40	0.00			290.0			Blacklick Scarlift	
BCSB-007	BCS-114A	2/1/74	9			3.10	0.0	164.0		3.20	0.00			225.0			Blacklick Scarlift	
BCSB-007	BCS-114A	2/20/74	3			3.10	0.0	188.0		8.20	0.00			275.0			Blacklick Scarlift	
BCSB-007	BCS-114A	3/18/74	8			3.10	0.0	148.0		4.50	0.00			150.0			Blacklick Scarlift	
BCSB-007	BCS-114A	4/16/74	9			3.00	0.0	138.0		5.00	0.00			225.0			Blacklick Scarlift	
BCSB-007	BCS-114A	5/13/74	6			3.20	0.0	110.0		2.70	0.00			225.0			Blacklick Scarlift	
BCSB-007	BCS-114A	9/12/74	1			2.90	0.0	500.0		0.50	0.00			325.0			Blacklick Scarlift	
BCSB-008	BCS-114B	6/4/74	30			3.00	0.0	78.0		1.30	0.00			100.0			Blacklick Scarlift	
BCSB-008	BCS-114B	7/30/74	0														Blacklick Scarlift	
BCSB-008	BCS-114B	8/20/74	0														Blacklick Scarlift	
BCSB-008	BCS-114B	9/12/74	1			2.80	0.0	500.0		2.00	0.00			350.0			Blacklick Scarlift	
BCSB-009	BCS-114C	6/4/74	35			2.50	0.0	1200.0		131.00	2.20			950.0			Blacklick Scarlift	
BCSB-009	BCS-114C	7/30/74	5			2.30	0.0	2300.0		173.00	2.20			2025.0			Blacklick Scarlift	
BCSB-009	BCS-114C	8/20/74	4			2.40	0.0	3300.0		168.00	0.00			1850.0			Blacklick Scarlift	
BCSB-009	BCS-114C	9/12/74	8			2.80	0.0	3600.0		116.30	0.00			2750.0			Blacklick Scarlift	
BCSB-010	BCS-115A	11/9/73	1			2.90	0.0	800.0		43.50	0.00			846.0			Blacklick Scarlift	
BCSB-010	BCS-115A	12/6/73	3			2.50	0.0	700.0		57.40	0.00			505.0			Blacklick Scarlift	
BCSB-010	BCS-115A	1/8/74	7			2.90	0.0	500.0		35.80	0.00			525.0			Blacklick Scarlift	
BCSB-010	BCS-115A	2/1/74	12			2.90	0.0	800.0		23.70	0.00			325.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH	S.U.			Acidity									
BCSB-010	BCS-115A	2/20/74	1			2.80	0.0	460.0		51.60	1.10			425.0			Blacklick Scarlift	
BCSB-010	BCS-115A	3/18/74	17			2.90	0.0	520.0		30.00	0.00			575.0			Blacklick Scarlift	
BCSB-010	BCS-115A	4/16/74	22			2.80	0.0	350.0		40.00	0.00			425.0			Blacklick Scarlift	
BCSB-010	BCS-115A	5/13/74	193			2.90	0.0	290.0		18.00	0.00			275.0			Blacklick Scarlift	
BCSB-010	BCS-115A	6/6/74	15			2.60	0.0	300.0		35.90	0.00			350.0			Blacklick Scarlift	
BCSB-010	BCS-115A	8/2/74	0														Blacklick Scarlift	
BCSB-010	BCS-115A	8/22/74	0														Blacklick Scarlift	
BCSB-010	BCS-115A	9/12/74	7			2.80	0.0	620.0		29.60	2.20			550.0			Blacklick Scarlift	
BCSB-011	BCS-117A	6/6/74	60			2.80	0.0	180.0		3.60	0.00			300.0			Blacklick Scarlift	
BCSB-011	BCS-117A	8/2/74	18			3.00	0.0	520.0		2.70	0.00			650.0			Blacklick Scarlift	
BCSB-011	BCS-117A	8/22/74	13			2.90	0.0	500.0		2.90	0.00			225.0			Blacklick Scarlift	
BCSB-011	BCS-117A	9/12/74	10			2.80	0.0	600.0		1.30	0.00			600.0			Blacklick Scarlift	
BCSB-013	BCS-120A	12/6/73	4			2.90	0.0	400.0		14.30	1.10			225.0			Blacklick Scarlift	
BCSB-013	BCS-120A	1/8/74	13			4.50	2.0	20.0		0.40	0.00			92.0			Blacklick Scarlift	
BCSB-013	BCS-120A	2/5/74	5			4.80	8.0	22.0		0.10	0.00			55.0			Blacklick Scarlift	
BCSB-013	BCS-120A	2/20/74	8			4.60	2.0	12.0		2.10	0.00			325.0			Blacklick Scarlift	
BCSB-013	BCS-120A	3/18/74	7			4.80	4.0	6.0		0.20	0.00			68.0			Blacklick Scarlift	
BCSB-013	BCS-120A	4/16/74	0														Blacklick Scarlift	
BCSB-013	BCS-120A	5/13/74	3			4.70	4.0	6.0		0.00	0.00			59.0			Blacklick Scarlift	
BCSB-013	BCS-120A	6/6/74	8			4.40	0.0	12.0		0.10	0.00			175.0			Blacklick Scarlift	
BCSB-013	BCS-120A	8/2/74	8			4.80	10.0	6.0		1.10	0.00			250.0			Blacklick Scarlift	
BCSB-013	BCS-120A	8/22/74	0														Blacklick Scarlift	
BCSB-014	BCS-4542	11/8/73	29			2.90	0.0	1500.0		275.20	0.00			2224.0			Blacklick Scarlift	
BCSB-014	BCS-4542	12/5/73	74			2.60	0.0	4300.0		302.50	0.00			1700.0			Blacklick Scarlift	
BCSB-014	BCS-4542	1/3/74	198			2.80	0.0	900.0		226.80	1.10			950.0			Blacklick Scarlift	
BCSB-014	BCS-4542	1/31/74	180			2.80	0.0	604.0		128.70	0.00			675.0			Blacklick Scarlift	
BCSB-014	BCS-4542	2/19/74	74			2.70	0.0	700.0		163.70	0.00			775.0			Blacklick Scarlift	
BCSB-014	BCS-4542	3/15/74	356			2.80	0.0	800.0		78.50	0.00			550.0			Blacklick Scarlift	
BCSB-014	BCS-4542	4/15/74	208			2.70	0.0	550.0		119.00	6.70			725.0			Blacklick Scarlift	
BCSB-014	BCS-4542	5/13/74	162			2.80	0.0	620.0		108.00	2.20			650.0			Blacklick Scarlift	
BCSB-014	BCS-4542	6/4/74	154			2.60	0.0	600.0		112.00	4.50			725.0			Blacklick Scarlift	
BCSB-014	BCS-4542	7/31/74	25			2.60	0.0	900.0		152.00	0.00			1375.0			Blacklick Scarlift	
BCSB-014	BCS-4542	8/19/74	18			2.60	0.0	1100.0		346.50	0.00			1200.0			Blacklick Scarlift	
BCSB-014	BCS-4542	9/10/74	47			2.60	0.0	1400.0		129.50	7.80			400.0			Blacklick Scarlift	
BCSB-015	BCS-4750	11/8/73	0														Blacklick Scarlift	
BCSB-015	BCS-4750	12/5/73	0			2.20	0.0	1800.0		416.80	4.50			1700.0			Blacklick Scarlift	
BCSB-015	BCS-4750	1/2/74	30			2.40	0.0	1100.0		531.90	0.00			1425.0			Blacklick Scarlift	
BCSB-015	BCS-4750	1/31/74	5			2.60	0.0	854.0		166.70	0.00			825.0			Blacklick Scarlift	
BCSB-015	BCS-4750	2/19/74	1			2.50	0.0	1100.0		266.10	0.00			975.0			Blacklick Scarlift	
BCSB-015	BCS-4750	3/15/74	3			2.70	0.0	640.0		81.00	0.00			550.0			Blacklick Scarlift	
BCSB-015	BCS-4750	4/15/74	2			2.60	0.0	570.0		140.00	1.10			700.0			Blacklick Scarlift	
BCSB-015	BCS-4750	5/13/74	2			2.50	0.0	690.0		115.00	2.20			700.0			Blacklick Scarlift	
BCSB-015	BCS-4750	6/4/74	3			2.50	0.0	580.0		97.50	4.50			600.0			Blacklick Scarlift	
BCSB-015	BCS-4750	7/31/74	0														Blacklick Scarlift	
BCSB-015	BCS-4750	8/19/74	0														Blacklick Scarlift	
BCSB-015	BCS-4750	9/10/74	0														Blacklick Scarlift	
BCSB-016	BCS-4794	11/8/73	17			3.10	0.0	188.0		2.70	0.00			391.0			Blacklick Scarlift	
BCSB-016	BCS-4794	12/5/73	71			2.60	0.0	900.0		5.80	0.00			340.0			Blacklick Scarlift	
BCSB-016	BCS-4794	1/3/74	84			3.10	0.0	148.0		4.30	0.00			260.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
BCSB-016	BCS-4794	1/31/74	99			3.10	0.0	88.0		2.30	0.00			150.0			Blacklick Scarlift	
BCSB-016	BCS-4794	2/19/74	38			3.00	0.0	140.0		2.80	0.00			220.0			Blacklick Scarlift	
BCSB-016	BCS-4794	3/15/74	127			3.10	0.0	100.0		2.70	0.00			150.0			Blacklick Scarlift	
BCSB-016	BCS-4794	4/15/74	119			3.00	0.0	98.0		3.00	0.00			150.0			Blacklick Scarlift	
BCSB-016	BCS-4794	5/13/74	268			3.00	0.0	78.0		1.30	0.00			100.0			Blacklick Scarlift	
BCSB-016	BCS-4794	6/4/74	131			2.90	0.0	60.0		2.00	0.00			150.0			Blacklick Scarlift	
BCSB-016	BCS-4794	7/31/74	19			3.00	0.0	160.0		2.20	0.00			300.0			Blacklick Scarlift	
BCSB-016	BCS-4794	8/19/74	14			2.90	0.0	500.0		2.90	0.00			275.0			Blacklick Scarlift	
BCSB-016	BCS-4794	9/10/74	33			3.00	0.0	2000.0		3.40	0.00			350.0			Blacklick Scarlift	
BCSB-017	BCS-4797	11/8/73	1			2.90	0.0	800.0		43.50	0.00			846.0			Blacklick Scarlift	
BCSB-017	BCS-4797	12/5/73	3			2.50	0.0	700.0		57.40	0.00			505.0			Blacklick Scarlift	
BCSB-017	BCS-4797	1/4/74	7			2.90	0.0	500.0		35.80	0.00			525.0			Blacklick Scarlift	
BCSB-017	BCS-4797	2/1/74	12			2.90	0.0	800.0		23.70	0.00			325.0			Blacklick Scarlift	
BCSB-017	BCS-4797	2/19/74	1			2.80	0.0	460.0		51.60	1.10			425.0			Blacklick Scarlift	
BCSB-017	BCS-4797	3/15/74	17			2.90	0.0	520.0		30.00	0.00			575.0			Blacklick Scarlift	
BCSB-017	BCS-4797	4/15/74	22			2.80	0.0	350.0		40.00	0.00			425.0			Blacklick Scarlift	
BCSB-017	BCS-4797	5/13/74	193			2.90	0.0	290.0		18.00	0.00			275.0			Blacklick Scarlift	
BCSB-017	BCS-4797	6/4/74	15			2.60	0.0	300.0		35.90	0.00			350.0			Blacklick Scarlift	
BCSB-017	BCS-4797	7/31/74	0														Blacklick Scarlift	
BCSB-017	BCS-4797	8/19/74	0														Blacklick Scarlift	
BCSB-017	BCS-4797	9/10/74	7			2.80	0.0	620.0		29.60	2.20			550.0			Blacklick Scarlift	
BCSB-017	11970106-7	9/26/96	20	723		3.10	0.0			6.62		2.76	12.67	195.0	1		SBBC Proj.	11970106
BCSB-017	11970106-7	10/15/96	3	734		3.00	0.0			7.68		3.67	14.03	244.0	0		SBBC Proj.	11970106
BCSB-017	11970106-7	1/21/97	2	838		3.00	0.0			12.10		3.28	18.12	255.0	1		SBBC Proj.	11970106
BCSB-017	11970106-7	2/10/97	0														SBBC Proj.	11970106
BCSB-017	11970106-7	3/28/97	6	821		3.00	0.0			6.77		2.99	13.59	309.0	1		SBBC Proj.	11970106
BCSB-017	11970106-7	4/17/97	6	840		3.00	0.0			9.26		3.22	16.21	299.0	2		SBBC Proj.	11970106
BCSB-017	11970106-7	4/30/97	1	943		2.90	0.0			10.93		2.69	17.40	284.0	2		SBBC Proj.	11970106
BCSB-017	11970106-7	5/16/97	60	603		3.10	0.0			4.33		1.58	11.22	152.0	0		SBBC Proj.	11970106
BCSB-017	11970106-7	6/21/97	3	707		3.00	0.0			9.53		2.77	14.91	237.0	0		SBBC Proj.	11970106
BCSB-017	11970106-7	7/30/97	0														SBBC Proj.	11970106
BCSB-017	11970106-7	8/29/97	0	878		3.00	0.0			8.21		2.77	17.40	229.0	1		SBBC Proj.	11970106
BCSB-017	11970106-7	10/2/97	9	698		3.00	0.0			6.36		1.81	14.14	182.0	0		SBBC Proj.	11970106
BCSB-017	11970106-7	11/13/97	31	671		3.20	0.0			5.59		2.16	9.81	139.0	1		SBBC Proj.	11970106
BCSB-017	11970106-7	12/30/97	17	641		3.10	0.0			4.90		1.89	13.57	147.0	0		SBBC Proj.	11970106
BCSB-017	11970106-7	1/29/98	9	690		3.10	0.0			6.52		2.27	14.59	202.0	0		SBBC Proj.	11970106
BCSB-017	11970106-7	2/27/98	9	769		3.10	0.0			8.94		2.34	11.50	149.0	0		SBBC Proj.	11970106
BCSB-017	11970106-7	6/5/98	4	948		3.00	0.0			9.33		3.15	14.22	192.0	2		SBBC Proj.	11970106
BCSB-017	MP7	9/22/98		0		3.10	0.0	120.0		2.81		2.03	9.75	167.0			Laurel Land Dev. Inc.	11970106
BCSB-017	MP7	12/16/98															Laurel Land Dev. Inc.	11970106
BCSB-017	MP7	5/12/99		0		3.00	0.0	220.0		11.20		4.14	20.30	266.0			Laurel Land Dev. Inc.	11970106
BCSB-017	MP7	9/10/99		0		3.20	0.0	188.0		5.03		2.11	18.50	279.2			Laurel Land Dev. Inc.	11970106
BCSB-017	MP7	6/26/00		0		3.30	0.0	262.0		6.33		12.00	36.80	570.2			Laurel Land Dev. Inc.	11970106
BCSB-017	MP7	7/21/00		0		3.20	0.0	312.0		0.82		43.30	24.30	621.9			Laurel Land Dev. Inc.	11970106
BCSB-017	MP7	11/30/00		0		3.20	0.0	454.0		12.80		29.20	66.00	929.0			Laurel Land Dev. Inc.	11970106
BCSB-017	MP7	9/20/01	0	0		3.20	0.0	537.0		23.00		26.40	59.70	284.0			Laurel Land Dev. Inc.	11970106
BCSB-017	MP7	11/28/01	9	0		3.20	0.0	352.8		7.17		20.30	48.90	432.9			Laurel Land Dev. Inc.	11970106
BCSB-017	MP7	8/28/02	2	0		3.00	0.0	463.2		12.10		17.70	46.30	638.8			Laurel Land Dev. Inc.	11970106
BCSB-018	BCS-4798	11/9/73	2			5.10	4.0	4.0		0.60	0.00			46.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
BCSB-018	BCS-4798	12/5/73	5			3.60	0.0	80.0		1.00	0.00			50.0			Blacklick Scarlift	
BCSB-018	BCS-4798	1/3/74	66			4.50	8.0	4.0		0.30	0.00			18.0			Blacklick Scarlift	
BCSB-018	BCS-4798	1/31/74	81			5.20	4.0	4.0		0.10	0.00			14.0			Blacklick Scarlift	
BCSB-018	BCS-4798	2/19/74	87			5.90	10.0	4.0		0.00	0.00			40.0			Blacklick Scarlift	
BCSB-018	BCS-4798	3/15/74	73			5.30	10.0	6.0		0.00	0.00			45.0			Blacklick Scarlift	
BCSB-018	BCS-4798	4/15/74	183			5.30	2.0	6.0		3.00	0.00			30.0			Blacklick Scarlift	
BCSB-018	BCS-4798	5/13/74	101			5.00	4.0	2.0		0.00	0.00			14.0			Blacklick Scarlift	
BCSB-019	BCS-5039	11/9/73	5			2.60	0.0	1040.0		105.90	9.20			561.0			Blacklick Scarlift	
BCSB-019	BCS-5039	12/7/73	9			2.70	0.0	4100.0		130.50	5.60			2400.0			Blacklick Scarlift	
BCSB-019	BCS-5039	1/9/74	13			2.50	0.0	2740.0		69.10	1.10			1650.0			Blacklick Scarlift	
BCSB-019	BCS-5039	2/5/74	22			2.60	0.0	2500.0		170.10	10.10			1875.0			Blacklick Scarlift	
BCSB-019	BCS-5039	2/21/74	9			2.60	0.0	2640.0		219.40	11.20			2475.0			Blacklick Scarlift	
BCSB-019	BCS-5039	3/19/74	15			2.60	0.0	2780.0		77.00	0.00			1825.0			Blacklick Scarlift	
BCSB-019	BCS-5039	4/16/74	10			2.40	0.0	3200.0		130.00	4.50			1625.0			Blacklick Scarlift	
BCSB-019	BCS-5039	5/13/74	5			2.60	0.0	2210.0		96.80	0.00			2025.0			Blacklick Scarlift	
BCSB-019	BCS-5039	6/6/74	4			2.60	0.0	2940.0		113.00	9.00			3000.0			Blacklick Scarlift	
BCSB-019	BCS-5039	8/2/74	3			2.50	0.0	3560.0		182.00	0.00			2550.0			Blacklick Scarlift	
BCSB-019	BCS-5039	8/20/74	2			2.50	0.0	4500.0		196.50	0.00			3775.0			Blacklick Scarlift	
BCSB-019	BCS-5039	9/12/74	5			2.30	0.0	4100.0		88.10	12.30			4500.0			Blacklick Scarlift	
BCSB-020	BCS-5040	11/9/73	5			2.90	0.0	2300.0		31.80	8.10			3251.0			Blacklick Scarlift	
BCSB-020	BCS-5040	12/7/73	9			2.90	0.0	3220.0		27.00	0.00			1700.0			Blacklick Scarlift	
BCSB-020	BCS-5040	1/8/74	12			2.70	0.0	2270.0		29.40	0.00			2300.0			Blacklick Scarlift	
BCSB-020	BCS-5040	2/5/74	12			2.80	0.0	2084.0		27.80	0.00			1675.0			Blacklick Scarlift	
BCSB-020	BCS-5040	2/21/74	9			2.80	0.0	2440.0		37.50	6.50			2475.0			Blacklick Scarlift	
BCSB-020	BCS-5040	3/19/74	15			2.80	0.0	2700.0		20.20	0.00			1700.0			Blacklick Scarlift	
BCSB-020	BCS-5040	4/16/74	14			2.70	0.0	2700.0		29.00	2.20			2100.0			Blacklick Scarlift	
BCSB-020	BCS-5040	5/13/74	12			2.80	0.0	2234.0		22.50	0.00			1975.0			Blacklick Scarlift	
BCSB-020	BCS-5040	6/6/74	9			2.80	0.0	2800.0		26.20	0.00			3500.0			Blacklick Scarlift	
BCSB-020	BCS-5040	8/2/74	3			2.50	0.0	4100.0		34.70	3.40			5000.0			Blacklick Scarlift	
BCSB-020	BCS-5040	8/20/74	1			2.80	0.0	3500.0		20.20	66.70			2805.0			Blacklick Scarlift	
BCSB-020	BCS-5040	9/12/74	9			2.50	0.0	3800.0		15.40	1.10			3250.0			Blacklick Scarlift	
BCSB-021	BCS-5043	11/12/73	63			5.50	12.0	30.0		0.70	0.00			86.0			Blacklick Scarlift	
BCSB-021	BCS-5043	12/7/73	79			6.20	24.0	10.0		0.80	0.00			90.0			Blacklick Scarlift	
BCSB-021	BCS-5043	1/9/74	88			6.00	30.0	6.0		0.70	0.00			74.0			Blacklick Scarlift	
BCSB-021	BCS-5043	2/6/74	79			5.60	30.0	10.0		0.70	0.00			225.0			Blacklick Scarlift	
BCSB-021	BCS-5043	2/21/74	48			7.00	30.0	0.0		0.40	0.00			105.0			Blacklick Scarlift	
BCSB-021	BCS-5043	3/19/74	136			5.80	30.0	10.0		0.20	0.00			150.0			Blacklick Scarlift	
BCSB-021	BCS-5043	4/16/74	136			5.60	24.0	14.0		1.00	1.00			45.0			Blacklick Scarlift	
BCSB-021	BCS-5043	5/13/74	181			5.40	32.0	4.0		0.70	1.00			110.0			Blacklick Scarlift	
BCSB-022	BCS-5043A	11/12/73	0														Blacklick Scarlift	
BCSB-022	BCS-5043A	12/7/73	0														Blacklick Scarlift	
BCSB-022	BCS-5043A	1/9/74	0														Blacklick Scarlift	
BCSB-022	BCS-5043A	2/6/74	0														Blacklick Scarlift	
BCSB-022	BCS-5043A	3/19/74	5			2.70	0.0	2000.0		64.30	0.00			1300.0			Blacklick Scarlift	
BCSB-022	BCS-5043A	4/16/74	1			5.20	8.0	2.0		5.00	0.00			60.0			Blacklick Scarlift	
BCSB-022	BCS-5043A	5/13/74	3			3.70	0.0	192.0		0.40	0.00			425.0			Blacklick Scarlift	
BCSB-022	BCS-5043A	6/7/74	0														Blacklick Scarlift	
BCSB-022	BCS-5043A	7/31/74	0														Blacklick Scarlift	
BCSB-022	BCS-5043A	8/20/74	0														Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field pH S.U.	Lab pH S.U.	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
BCSB-025	BCS-5081	11/12/73	38			6.10	12.0	2.0		0.10	0.00			35.0			Blacklick Scarlift	
BCSB-025	BCS-5081	12/5/73	50			6.00	102.0	20.0		0.10	0.00			68.0			Blacklick Scarlift	
BCSB-025	BCS-5081	1/4/74	60			6.50	152.0	10.0		0.30	0.00			60.0			Blacklick Scarlift	
BCSB-025	BCS-5081	2/1/74	58			7.00	134.0	0.0		0.10	0.00			150.0			Blacklick Scarlift	
BCSB-025	BCS-5081	2/20/74	43			7.30	72.0	0.0		0.00	0.00			45.0			Blacklick Scarlift	
BCSB-025	BCS-5081	3/18/74	60			7.00	156.0	0.0		0.20	0.00			100.0			Blacklick Scarlift	
BCSB-025	BCS-5081	4/16/74	54			6.50	138.0	8.0		0.00	0.00			70.0			Blacklick Scarlift	
BCSB-025	BCS-5081	5/13/74	60			6.00	74.0	2.0		0.00	0.00			100.0			Blacklick Scarlift	
BCSB-028	CPR-20	7/25/02	13			3.80	0.0		54.0	4.03		3.69	6.04	299.0	12		Coalpit Run Proj.	
BCSB-028	CPR-20	8/13/02	13			3.90	0.0		48.8	2.14		3.30	5.57	274.8	<3		Coalpit Run Proj.	
BCSB-028	CPR-20	11/25/02	14			3.70	0.0		72.2	1.33		2.92	6.15	235.1	<3		Coalpit Run Proj.	
BCSB-028	CPR-20	12/17/02	11			3.70	0.0		63.2	1.16		3.25	6.71	242.2	<3		Coalpit Run Proj.	
BCSB-028	CPR-20	1/14/03	15			3.70	0.0		57.6	0.92		2.81	4.76	253.5	4		Coalpit Run Proj.	
BCSB-051	TMDL-30	2/16/02	34988			4.66	1.0	30.5		2.54		0.59	3.29	163.0	3		TMDL-Blacklick	
BCSB-051	TMDL-30	3/29/02	92488			4.36	0.0	28.3		2.53		0.32	3.33	73.0	9		TMDL-Blacklick	
BCSB-051	TMDL-30	4/19/02	57847			4.49	0.0	29.1		2.40		0.54	2.70	76.0	8		TMDL-Blacklick	
BCSB-051	TMDL-30	7/1/02	12668			4.11	0.0	78.6		4.35		1.03	6.63	492.0	11		TMDL-Blacklick	
BCSB-051	TMDL-30	8/1/02	3049			3.80	0.0	91.8		3.00		1.50	9.60	429.0	0		TMDL-Blacklick	
BCSB-051	TMDL-30	10/18/02	18482			5.95	6.3	8.9		3.27		0.76	2.72	308.0	21		TMDL-Blacklick	
BCSB-052	11960108-63	3/22/93		440		4.85	2.0			1.98		0.51		134.0	10		SBBC Proj.	11960108
BCSB-052	11960108-63	4/15/93		615		4.85	2.0			3.68		0.49		246.0	40		SBBC Proj.	11960108
BCSB-052	11960108-63	5/17/93		913		7.54	42.0			4.58		0.49		348.0	56		SBBC Proj.	11960108
BCSB-052	11960108-63	6/1/93		542		5.53	3.0			3.72		0.51		199.0	42		SBBC Proj.	11960108
BCSB-052	11960108-63	7/23/93		1058		4.66	<1.0			4.10		0.75		461.0	12		SBBC Proj.	11960108
BCSB-052	11960108-63	8/24/93		928		3.77	<1.0			1.25		1.21		388.0	2		SBBC Proj.	11960108
BCSB-052	11960108-63	6/10/96		877		4.20	4.0			0.42		0.72	6.22	378.0	10		SBBC Proj.	11960108
BCSB-052	MP63	4/2/97		0		4.70	6.2	14.8		2.43		0.38	3.09	222.1			Laurel Land Dev. Inc.	11960108
BCSB-052	11960108-63	4/2/97				4.70	6.0			2.43		0.38	3.09	222.0	<3		SBBC Proj.	11960108
BCSB-052	11960108-63	7/16/97		1530		6.00	14.0			2.22		0.47	3.54	717.0	8		SBBC Proj.	11960108
BCSB-052	TMDL-33	2/16/02	25248			4.77	1.3	22.9		2.48		0.47	3.02	161.0	9		TMDL-Blacklick	
BCSB-052	TMDL-33	3/29/02	66983			4.56	8.8	24.5		2.04		0.47	2.89	60.0	13		TMDL-Blacklick	
BCSB-052	TMDL-33	4/19/02	44782			4.55	1.1	24.0		2.20		0.47	2.70	62.0	10		TMDL-Blacklick	
BCSB-052	TMDL-33	7/1/02	11719			4.27	0.0	69.2		5.10		0.87	6.65	533.0	14		TMDL-Blacklick	
BCSB-052	TMDL-33	8/1/02	2767			3.74	0.0	93.5		4.10		1.40	14.00	434.0	0		TMDL-Blacklick	
BCSB-052	TMDL-33	10/18/02	13087			6.44	17.1	1.3		2.82		0.54	2.16	335.0	18		TMDL-Blacklick	
BCSB-053	11960201-4	5/23/95				6.10	0.0			2.03		0.40	3.15	414.0			SBBC Proj.	11960201
BCSB-053	11960201-4	10/7/95		1725		3.18	0.0			25.00		1.40	35.00	1075.0			SBBC Proj.	11960201
BCSB-053	11960201-4	4/30/96		660		2.90	0.0			26.00		1.10	25.00	288.0			SBBC Proj.	11960201
BCSB-053	11960201-4	5/23/96		871		3.10	0.0			20.00		1.30	19.00	351.0	25		SBBC Proj.	11960201
BCSB-053	11960201-4	6/26/96	26000	826		3.12	0.0			23.10		1.30	21.00	322.0	9		SBBC Proj.	11960201
BCSB-053	11960201-4	7/25/96	23000	1356		2.78	0.0			32.10		2.07	36.50	500.0	22		SBBC Proj.	11960201
BCSB-053	11960201-4	8/23/96	21000	1472		2.82	0.0			43.90		4.10	41.60	1350.0	34		SBBC Proj.	11960201
BCSB-053	11960201-4	9/25/96	25000	1139		2.86	0.0			64.00		2.14	36.80	555.0	17		SBBC Proj.	11960201
BCSB-053	11960201-4	12/10/96	32000	1216		2.92	0.0			57.50		2.90		514.0	11		SBBC Proj.	11960201
BCSB-053	11960201-4	1/8/97	22000	1316		2.88	0.0			75.00		2.38		1100.0	14		SBBC Proj.	11960201
BCSB-053	11960201-4	3/17/97				3.30	0.0			16.10		0.82	14.00	230.0	6		SBBC Proj.	11960201
BCSB-053	MP4	3/17/97		0		3.30	0.0	148.0		16.10		0.82	14.00	229.7			Smith Energy Inc.	11960201
BCSB-053	11960201-4	5/28/97	22000	978		2.99	0.0			32.70		1.37		310.0	21		SBBC Proj.	11960201

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-053	MP4	6/4/97		0		2.90	0.0	394.0		39.50		1.65	37.60	563.6			Smith Energy Inc.	11960201
BCSB-053	WM-09	6/4/97				5.40	5.0			2.58		0.28	2.80	37.3			Webster Mine Study	
BCSB-053	11960201-4	6/4/97				2.90	0.0			39.50		1.65	37.60	564.0	<3		SBBC Proj.	11960201
BCSB-053	WM-09	7/2/97		797		5.00	5.0			5.37		0.62	5.21	38.8			Webster Mine Study	
BCSB-053	WM-09	8/5/97		1652		5.80	6.0			3.53		0.50	3.32	130.0			Webster Mine Study	
BCSB-053	11960201-4	8/7/97	13000	1689		6.00	0.0			0.37		0.26		950.0	10		SBBC Proj.	11960201
BCSB-053	WM-09	10/23/97		1650									3.06				Webster Mine Study	
BCSB-053	WM-09	10/30/97		1563		6.20	6.0			2.76		0.35	2.88	113.0			Webster Mine Study	
BCSB-053	11960201-4	11/6/97		915		3.00	0.0			40.80		1.59		450.0	15		SBBC Proj.	11960201
BCSB-053	WM-09	12/17/97	27270	107		5.20	5.0			2.97		0.35	2.52	287.0			Webster Mine Study	
BCSB-053	11960201-4	12/23/97				3.40	0.0			26.40		1.26	26.30	256.0	18		SBBC Proj.	11960201
BCSB-053	MP4	12/23/97		0		3.40	0.0	228.0		26.40		1.26	26.30	256.1			Smith Energy Inc.	11960201
BCSB-053	11960201-4	2/18/98		663		2.95	0.0			21.20		1.18		273.0	30		SBBC Proj.	11960201
BCSB-053	MP4	3/25/98		0		2.80	0.0	448.0		48.10		2.00	38.30	552.8			Smith Energy Inc.	11960201
BCSB-053	11960201-4	3/26/98				2.80	0.0			48.10		2.00	38.30	553.0	16		SBBC Proj.	11960201
BCSB-053	11960201-4	6/3/98		1466		2.55	0.0			61.40		3.47		1540.0	6		SBBC Proj.	11960201
BCSB-053	11960201-4	6/25/98				2.90	0.0			45.00		2.03	39.90	592.0	12		SBBC Proj.	11960201
BCSB-053	MP4	6/25/98		0		2.90	0.0	380.0		45.00		2.03	39.90	592.0			Smith Energy Inc.	11960201
BCSB-053	MP4	12/21/98		0		3.20	0.0	368.0		49.20		1.44	45.90	476.0			Smith Energy Inc.	11960201
BCSB-053	TMDL-34	2/15/02	22699			6.25	8.2	3.3		1.13		0.30	1.16	128.0	10		TMDL-Blacklick	
BCSB-053	TMDL-34	3/29/02	63390			4.98	8.5	14.4		1.74		0.31	2.04	40.0	14		TMDL-Blacklick	
BCSB-053	TMDL-34	4/19/02	43215			5.37	4.4	13.7		1.50		0.27	1.60	40.0	9		TMDL-Blacklick	
BCSB-053	TMDL-34	7/1/02	11051			4.13	0.0	67.6		7.48		0.80	6.68	544.0	15		TMDL-Blacklick	
BCSB-053	TMDL-34	8/1/02	2202			3.31	0.0	132.4		17.00		1.40	17.00	427.0	19		TMDL-Blacklick	
BCSB-053	TMDL-34	10/18/02	14536			6.19	21.8	-3.6		2.84		0.49	2.10	351.0	17		TMDL-Blacklick	
BCSB-054	TMDL-36	2/15/02	22658			6.54	8.3	2.9		0.45		0.25	0.74	148.0	0		TMDL-Blacklick	
BCSB-054	TMDL-36	3/29/02	53874			6.19	6.2	4.5		0.79		0.23	1.21	24.0	13		TMDL-Blacklick	
BCSB-054	TMDL-36	4/19/02	34575			6.06	10.4	0.9		0.53		0.20	0.62	22.0	5		TMDL-Blacklick	
BCSB-054	TMDL-36	7/1/02	9696			5.81	22.4	2.3		0.60		0.31	0.23	385.0	4		TMDL-Blacklick	
BCSB-054	TMDL-36	8/1/02	1376			7.12	30.3	-7.9		0.43		0.23	0.09	90.0	2		TMDL-Blacklick	
BCSB-054	TMDL-36	10/18/02	13566			6.79	31.9	-14.5		0.57		0.29	0.21	222.0	5		TMDL-Blacklick	
BCSB-055	TMDL-37	2/15/02	18958			6.71	12.5	2.8		0.22		0.14	0.34	25.0	1		TMDL-Blacklick	
BCSB-055	TMDL-37	3/29/02	52100			6.77	9.2	-1.3		0.32		0.12	0.37	17.0	8		TMDL-Blacklick	
BCSB-055	TMDL-37	4/19/02	33349			6.27	11.8	1.3		0.24		0.11	0.24	17.0	1		TMDL-Blacklick	
BCSB-055	TMDL-37	7/1/02	4863			6.00	19.1	-2.5		0.24		0.15	0.02	58.0	2		TMDL-Blacklick	
BCSB-055	TMDL-37	8/1/02	1340			7.26	31.4	-14.8		0.56		0.13	0.02	88.0	1		TMDL-Blacklick	
BCSB-055	TMDL-37	10/18/02	10528			6.74	29.1	-12.7		0.34		0.21	0.03	167.0	3		TMDL-Blacklick	
BCSB-056	TMDL-39	2/15/02	12006			6.48	9.9	1.8		0.29		0.19	0.92	31.0	5		TMDL-Blacklick	
BCSB-056	TMDL-39	3/29/02	30172			6.60	6.8	3.4		0.31		0.16	0.79	20.0	9		TMDL-Blacklick	
BCSB-056	TMDL-39	4/19/02	20269			6.11	9.3	1.4		0.44		0.19	0.51	22.0	5		TMDL-Blacklick	
BCSB-056	TMDL-39	7/1/02	2238			5.56	3.4	15.8		0.22		0.45	1.12	83.0	7		TMDL-Blacklick	
BCSB-056	TMDL-39	8/1/02	491			6.84	7.1	3.9		0.21		0.94	1.00	107.0	2		TMDL-Blacklick	
BCSB-056	TMDL-39	10/18/02	5649			6.86	31.3	-9.2		0.50		0.26	0.36	269.0	6		TMDL-Blacklick	
BCSB-057	WM-05	6/4/97				6.10	7.2			0.56		0.24	2.20	66.0			Webster Mine Study	
BCSB-057	WM-05	7/2/97	2945	336		4.80	2.6			0.91		0.83	5.90	84.0			Webster Mine Study	
BCSB-057	WM-05	8/5/97	823	496		4.60	1.6			0.34		1.38	14.50	130.0			Webster Mine Study	
BCSB-057	WM-05	10/25/97	1467	466		5.10	3.2			1.00		0.82	4.65	76.0			Webster Mine Study	
BCSB-057	WM-05	11/1/97	1849	409		4.60	1.8			0.92		0.98	8.44	74.0			Webster Mine Study	
BCSB-057	WM-05	12/17/97	12537	260		5.10	3.0			0.41		0.24	2.61	27.0			Webster Mine Study	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-057	TMDL-40	2/15/02	12017			6.47	8.3	2.5		0.31		0.22	1.09	37.0	6		TMDL-Blacklick	
BCSB-057	TMDL-40	3/29/02	28360			6.63	8.2	1.8		0.30		0.16	0.93	20.0	10		TMDL-Blacklick	
BCSB-057	TMDL-40	4/19/02	21381			6.07	8.7	1.6		0.35		0.19	0.56	22.0	6		TMDL-Blacklick	
BCSB-057	TMDL-40	7/1/02	2947			5.38	4.2	17.2		0.26		0.48	1.48	80.0	8		TMDL-Blacklick	
BCSB-057	TMDL-40	8/1/02	440			6.39	6.6	9.9		0.34		0.98	1.10	110.0	2		TMDL-Blacklick	
BCSB-057	TMDL-40	10/18/02	5215			6.82	31.4	-8.6		0.32		0.31	0.60	133.0	5		TMDL-Blacklick	
BCSB-058	11880201-1F1	7/14/88		2400		3.20				7.80		13.20	241.70	2777.0	1		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/21/88	5639	240		4.30	6.0			1.14		0.70	9.20	119.0	36		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/6/88	2374	360		4.30	16.0			1.12		0.92	22.40	258.0	3		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/2/89				4.00	3.0			3.09		3.27	85.80	564.0	12		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/3/89				4.50	10.0			1.57		1.14	19.70	103.0	3		SBBC Proj.	11880201
BCSB-058	11880201-1F1	10/17/90				4.50	8.0			1.07		0.77	11.70	125.0	37		SBBC Proj.	11880201
BCSB-058	11880201-1F1	3/25/91	22604	140		4.70	2.0			0.62		0.30	4.74	37.0	20		SBBC Proj.	11880201
BCSB-058	11880201-1F1	4/15/91				4.70	7.0			2.86		0.65	9.67	100.0	79		SBBC Proj.	11880201
BCSB-058	11880201-1F1	6/17/91	927	620		4.10	16.0			1.65		1.91	48.10	421.0	14		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/13/91				3.50	<1.0			5.33		13.40	334.00	2794.0	2		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/27/91	110	220		3.70	<1.0			2.75		8.34	183.00	1635.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/12/91	3261	360		4.60	2.0			0.61		0.80	7.56	109.0	30		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/20/91	20263	140		4.90	2.0			0.42		0.28	2.80	52.0	36		SBBC Proj.	11880201
BCSB-058	11880201-1F1	3/25/92	3475	520		4.50	<1.0			0.68		0.87	9.82	154.0	10		SBBC Proj.	11880201
BCSB-058	11880201-1F1	5/27/92				4.30	15.0			1.95		2.92	59.40	390.0	2		SBBC Proj.	11880201
BCSB-058	11880201-1F1	6/25/92	126	1400		3.70	<1.0			1.81		3.92	84.50	854.0	20		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/18/92				4.10	10.0			2.08		3.95	70.10	426.0	6		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/22/92	2075	320		4.60	2.0			2.50		1.24	11.60	147.0	80		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/18/92				6.30	14.0			0.69		0.34	2.32	44.0	22		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/21/92	9630	300		5.70	8.0			0.63		0.33	2.20	96.0	2		SBBC Proj.	11880201
BCSB-058	11880201-1F1	3/24/93	10111	2400		6.10	8.0			0.67		0.40	2.40	63.0	24		SBBC Proj.	11880201
BCSB-058	11880201-1F1	6/28/93	820	500		4.20	26.0			2.33		3.63	51.40	699.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	8/30/93	8935	220		6.60	6.0			0.80		0.35	3.00	76.0	26		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/15/93	9374	220		4.50	<1.0			1.02		0.70	9.81	139.0	18		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/30/93				4.50	7.0			1.87		1.81	30.40	73.0	4		SBBC Proj.	11880201
BCSB-058	11880201-1F1	3/30/94	14440	180		4.80	2.0			0.52		0.29	4.89	87.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	6/22/94	123	540		4.20	16.0			1.87		2.60	22.40	586.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/28/94	3760	180		4.50	<1.0			0.61		0.83	5.30	109.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/23/94				4.70	10.0			0.77		0.69	8.86	88.0	16		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/27/94	4621	320		4.70	1.0			1.00		0.78	8.70	117.0	18		SBBC Proj.	11880201
BCSB-058	11880201-1F1	3/30/95	4259	400		4.50	<1.0			1.03		0.99	11.10	119.0	6		SBBC Proj.	11880201
BCSB-058	11880201-1F1	6/21/95	1497	460		4.40	12.0			0.80		1.69	13.00	170.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/21/95	328	1600		3.60	<1.0			2.48		5.38	58.30	960.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/26/95				3.90	<1.0			3.39		4.87	60.20	573.0	3		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/21/95	3539	260		4.60	3.0			0.43		0.69	6.60	75.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	3/14/96	6330	320		4.60	1.0			0.61		0.59	7.10	86.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	3/29/96				4.60	8.0			0.50		0.46	5.97	77.0	3		SBBC Proj.	11880201
BCSB-058	11880201-1F1	6/22/96	1632	260		4.60	2.0			0.46		1.06	4.50	111.0	34		SBBC Proj.	11880201
BCSB-058	11880201-1F1	6/28/96				4.50	12.0			3.15		1.38	16.20	162.0	19		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/30/96	13628	108		5.40	4.0			0.68		0.41	4.80	65.0	20		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/18/96	993	240		4.20	2.0			1.07		0.49	5.30	68.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	3/12/97	349	240		5.10	2.0			0.52		0.30	2.90	61.0	0		SBBC Proj.	11880201
BCSB-058	11880201-1F1	3/31/97				5.30	12.0			0.91		0.34	3.58	58.0	16		SBBC Proj.	11880201

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-058	11880201-1F1	6/16/97	96	320		4.60	1.0			1.62		1.11	13.10	162.0	46		SBBC Proj.	11880201
BCSB-058	11880201-1F1	6/24/97				4.30	8.0			2.07		1.79	22.50	243.0	16		SBBC Proj.	11880201
BCSB-058	11880201-1F1	9/25/97	24	1200		4.20	14.0			1.71		3.40	53.00	649.0	8		SBBC Proj.	11880201
BCSB-058	11880201-1F1	12/18/97	126	380		4.90	1.0			1.04		0.68	9.50	108.0	56		SBBC Proj.	11880201
BCSB-058	11880201-1F1	3/26/98	175	380		4.60	2.0			1.02		0.57	11.00	145.0	10		SBBC Proj.	11880201
BCSB-058	TMDL-42	2/15/02	4311			5.56	3.9	10.6		0.55		0.38	2.54	44.0	12		TMDL-Blacklick	
BCSB-058	TMDL-42	3/29/02	12783			5.64	6.5	7.7		0.66		0.32	2.15	38.0	23		TMDL-Blacklick	
BCSB-058	TMDL-42	4/19/02	8104			5.85	7.2	6.2		1.70		0.40	3.00	40.0	37		TMDL-Blacklick	
BCSB-058	TMDL-42	7/1/02	821			4.48	0.0	82.7		1.62		1.40	13.00	274.0	29		TMDL-Blacklick	
BCSB-058	TMDL-42	8/1/02	259			4.35	0.0	116.7		1.40		2.30	21.00	363.0	5		TMDL-Blacklick	
BCSB-058	TMDL-42	10/18/02	2531			6.20	22.9	-4.5		0.87		0.54	2.80	190.0	16		TMDL-Blacklick	
BCSB-059	11880201-25	9/22/87		450		6.70	75.0			0.53		0.30	0.10	830.0	12		SBBC Proj.	11880201
BCSB-059	11880201-25	10/27/87		480		6.50	105.0			0.69		0.08	0.10	193.0	2		SBBC Proj.	11880201
BCSB-059	11880201-25	3/29/88		300		6.31	45.0			0.49		0.18	0.10	170.0	4		SBBC Proj.	11880201
BCSB-059	11880201-25	6/14/88		700		6.82	83.0			0.40		0.31	0.30	49.0	11		SBBC Proj.	11880201
BCSB-059	11880201-25	7/14/88		620		6.82	40.0			6.14		1.17	2.40	71.0	6		SBBC Proj.	11880201
BCSB-059	11880201-25	9/21/88		100		6.20	12.0			0.77		0.11	1.00	35.0	33		SBBC Proj.	11880201
BCSB-059	11880201-25	12/6/88		100		6.70	12.0			2.54		0.18	1.60	14.0	194		SBBC Proj.	11880201
BCSB-059	11880201-25	3/29/89		100		6.60	8.0			1.33		0.09	1.10	22.0	38		SBBC Proj.	11880201
BCSB-059	11880201-25	6/5/89		100		7.00	18.0			0.90		0.13	1.00	11.0	29		SBBC Proj.	11880201
BCSB-059	11880201-25	9/21/89		140		6.80	30.0			6.98		0.61	8.10	52.0	340		SBBC Proj.	11880201
BCSB-059	11880201-25	12/21/89		160		6.90	26.0			0.65		0.26	1.00	40.0	19		SBBC Proj.	11880201
BCSB-059	11880201-25	3/21/90		100		6.80	14.0			0.39		0.15	1.00	25.0	2		SBBC Proj.	11880201
BCSB-059	11880201-25	10/17/90				6.70	24.0			0.63		0.14	0.89	57.0	14		SBBC Proj.	11880201
BCSB-059	11880201-25	12/20/90		100		6.60	8.0			0.69		0.06	1.00	24.0	18		SBBC Proj.	11880201
BCSB-059	11880201-25	3/25/91		100		7.00	10.0			0.46		0.10	1.00	52.0			SBBC Proj.	11880201
BCSB-059	11880201-25	6/17/91		160		7.40	26.0			3.43		0.90	1.00	43.0	22		SBBC Proj.	11880201
BCSB-059	11880201-25	9/27/91		520		7.70	50.0			0.98		1.19	1.00	128.0	46		SBBC Proj.	11880201
BCSB-059	11880201-25	12/12/91		200		6.60	12.0			0.15		0.06	1.00	51.0	40		SBBC Proj.	11880201
BCSB-059	11880201-25	3/25/92		260		6.90	12.0			0.15		0.10	1.00	48.0			SBBC Proj.	11880201
BCSB-059	11880201-25	6/18/92		240		6.70	36.0			1.05		0.37	1.00	31.0	24		SBBC Proj.	11880201
BCSB-059	11880201-25	9/22/92		220		6.80	36.0			1.73		0.44	1.00	12.0	26		SBBC Proj.	11880201
BCSB-059	11880201-25	12/18/92				6.50	22.0			0.69		0.23	<0.50	49.0	13		SBBC Proj.	11880201
BCSB-059	11880201-25	12/21/92		240		6.30	18.0			0.47		0.16	1.00	29.0			SBBC Proj.	11880201
BCSB-059	11880201-25	3/24/93		200		6.60	16.0			0.81		0.13	1.00	56.0	14		SBBC Proj.	11880201
BCSB-059	11880201-25	6/28/93		200		7.10	44.0			2.73		0.54	1.38	26.0	22		SBBC Proj.	11880201
BCSB-059	11880201-25	9/30/93		200		7.40	26.0			1.09		0.18	1.20	58.0	52		SBBC Proj.	11880201
BCSB-059	11880201-25	12/15/93		140		6.90	12.0			0.41		0.14	1.00	70.0			SBBC Proj.	11880201
BCSB-059	11880201-25	3/30/94		140		6.70	10.0			0.30		0.07	1.00	35.0			SBBC Proj.	11880201
BCSB-059	11880201-25	6/22/94		180		6.70	44.0			1.68		0.84	1.00	37.0	0		SBBC Proj.	11880201
BCSB-059	11880201-25	9/28/94		140		7.00	32.0			1.51		0.21	1.00	38.0			SBBC Proj.	11880201
BCSB-059	11880201-25	12/23/94				6.70	24.0			0.46		0.16	<0.50	<20.0	<3		SBBC Proj.	11880201
BCSB-059	11880201-25	12/27/94		170		6.90	18.0			0.51		0.19	1.00	30.0			SBBC Proj.	11880201
BCSB-059	11880201-25	3/30/95		200		6.90	32.0			0.52		0.20	1.00	25.0			SBBC Proj.	11880201
BCSB-059	11880201-25	6/21/95		220		6.80	34.0			1.55		0.21	1.00	25.0			SBBC Proj.	11880201
BCSB-059	11880201-25	9/21/95		260		6.70	48.0			1.58		0.56	1.00	35.0	6		SBBC Proj.	11880201
BCSB-059	11880201-25	12/21/95		160		7.00	16.0			0.15		0.06	1.00	31.0			SBBC Proj.	11880201
BCSB-059	11880201-25	12/28/95				6.20	24.0			1.04		0.30	<0.50	26.0	<3		SBBC Proj.	11880201
BCSB-059	11880201-25	3/14/96		200		6.80	12.0			0.24		0.07	1.00	23.0			SBBC Proj.	11880201



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.			Acidity (mg/l)									
BCSB-059	11880201-25	6/22/96		160		6.80	18.0			0.15		0.13	1.00	23.0			SBBC Proj.	11880201
BCSB-059	11880201-25	9/30/96		120		6.70	6.0			0.24		0.29	1.00	44.0			SBBC Proj.	11880201
BCSB-059	11880201-25	12/18/96		140		6.70	12.0			0.39		0.07	1.00	23.0			SBBC Proj.	11880201
BCSB-059	11880201-25	3/12/97		180		6.60	12.0			0.33		0.10	1.00	64.0			SBBC Proj.	11880201
BCSB-059	11880201-25	6/16/97		160		6.90	24.0			1.09		0.11	1.00	22.0			SBBC Proj.	11880201
BCSB-059	11880201-25	6/24/97				6.60	38.0			1.69		0.32	<0.50	31.0	8		SBBC Proj.	11880201
BCSB-059	11880201-25	9/25/97		2600		6.80	40.0			1.75		0.89	1.00	48.0			SBBC Proj.	11880201
BCSB-059	11880201-25	12/18/97		220		7.30	16.0			0.49		0.18	1.00	15.0			SBBC Proj.	11880201
BCSB-059	11880201-25	3/26/98		200		7.70	10.0			0.49		0.12	1.00	54.0			SBBC Proj.	11880201
BCSB-059	TMDL-44	2/16/02	2699			6.40	14.0	0.0		0.29		0.14	0.05	15.0	1		TMDL-Blacklick	
BCSB-059	TMDL-44	3/29/02	9617			6.56	11.2	-3.3		0.23		0.10	0.05	14.0	6		TMDL-Blacklick	
BCSB-059	TMDL-44	4/19/02	5673			6.82	16.6	-2.2		0.66		0.12	0.24	14.0	8		TMDL-Blacklick	
BCSB-059	TMDL-44	7/1/02	257			6.09	34.3	-9.5		1.51		0.31	0.15	17.0	11		TMDL-Blacklick	
BCSB-059	TMDL-44	8/1/02	121			6.98	48.3	-27.2		2.20		0.78	0.44	20.0	15		TMDL-Blacklick	
BCSB-059	TMDL-44	10/18/02	1298			6.48	29.8	-10.0		0.80		0.18	0.24	62.0	5		TMDL-Blacklick	
BCSB-060	TMDL-43	2/16/02	35			5.46	2.2	8.4		0.06		0.27	0.68	13.0	0		TMDL-Blacklick	
BCSB-060	TMDL-43	3/29/02	591			5.75	3.0	7.2		0.12		0.31	0.97	14.0	3		TMDL-Blacklick	
BCSB-060	TMDL-43	4/19/02	254			5.92	4.8	6.5		0.18		0.26	0.62	12.0	3		TMDL-Blacklick	
BCSB-060	TMDL-43	7/1/02	46			5.60	5.9	9.9		0.18		0.23	0.30	13.0	3		TMDL-Blacklick	
BCSB-060	TMDL-43	8/1/02	0				0.0	0.0		0.00		0.00	0.00	0.0	0		TMDL-Blacklick	
BCSB-060	TMDL-43	10/18/02	140			6.46	25.5	1.3		0.16		0.14	0.28	62.0	2		TMDL-Blacklick	
BCSB-061	WM-13	6/4/97				4.10	0.0			3.63		0.51	8.76	191.0			Webster Mine Study	
BCSB-061	WM-13	7/2/97		1108		4.90	3.0			4.12		0.70	5.03	361.0			Webster Mine Study	
BCSB-061	WM-13	8/5/97	10008	1535		4.50	0.0			4.89		0.57	8.58	615.0			Webster Mine Study	
BCSB-061	WM-13	10/23/97	10957	1658		6.10	16.0			2.37		0.41	2.47	586.0			Webster Mine Study	
BCSB-061	WM-13	11/1/97	10986	1425		6.10	14.0			2.46		0.52	2.77	526.0			Webster Mine Study	
BCSB-061	WM-13	12/17/97	27662	787		4.90	3.0			3.52		0.54	4.19	256.0			Webster Mine Study	
BCSB-061	TMDL-31	2/16/02	728			4.28	0.0	26.2		0.11		1.20	2.25	66.0	0		TMDL-Blacklick	
BCSB-061	TMDL-31	3/29/02	2193			4.19	0.0	25.1		0.32		0.96	2.47	63.0	3		TMDL-Blacklick	
BCSB-061	TMDL-31	4/19/02	912			4.24	0.0	25.8		0.21		1.30	2.10	68.0	0		TMDL-Blacklick	
BCSB-061	TMDL-31	7/1/02	135			4.64	0.0	28.1		0.09		1.76	1.94	114.0	0		TMDL-Blacklick	
BCSB-061	TMDL-31	8/1/02	61			4.49	0.0	27.6		0.10		2.10	1.40	113.0	0		TMDL-Blacklick	
BCSB-061	TMDL-31	10/18/02	133			4.58	0.6	24.3		0.09		2.69	2.13	143.0	1		TMDL-Blacklick	
BCSB-064	CPR-10	7/24/02	9			3.30	0.0		149.4	4.29		3.75	15.00	396.6	42		Coalpit Run Proj.	
BCSB-064	CPR-10	8/14/02	8			3.10	0.0		167.4	3.32		3.81	16.60	768.9	<3		Coalpit Run Proj.	
BCSB-064	CPR-10	11/25/02	8			3.20	0.0		149.4	2.09		3.62	17.90	289.4	8		Coalpit Run Proj.	
BCSB-064	CPR-10	12/17/02	10			3.30	0.0		145.2	2.13		3.50	17.60	399.9	10		Coalpit Run Proj.	
BCSB-064	CPR-10	1/14/03															Coalpit Run Proj.	
BCSB-065	CPR-12	7/24/02	26			3.20	0.0		182.8	3.61		4.14	20.70	536.1	10		Coalpit Run Proj.	
BCSB-065	CPR-12	8/14/02	4			3.00	0.0		209.4	3.45		3.84	20.80	404.7	<3		Coalpit Run Proj.	
BCSB-065	CPR-12	11/25/02	69			3.10	0.0		179.2	1.69		3.82	20.60	293.3	4		Coalpit Run Proj.	
BCSB-065	CPR-12	12/17/02	40			3.10	0.0		182.2	1.90		3.80	22.40	397.5	6		Coalpit Run Proj.	
BCSB-065	CPR-12	1/14/03	148			3.20	0.0		164.6	1.35		2.87	15.60	459.1	4		Coalpit Run Proj.	
BCSB-066	CPR-13	7/25/02	81			3.10	0.0		134.4	5.20		0.86	11.60	269.2	40		Coalpit Run Proj.	
BCSB-066	CPR-13	8/13/02	36			3.10	0.0		129.8	4.00		0.95	11.80	304.4	<3		Coalpit Run Proj.	
BCSB-066	CPR-13	11/25/02	92			3.10	0.0		118.8	2.33		0.73	10.20	160.1	<3		Coalpit Run Proj.	
BCSB-066	CPR-13	12/17/02	80			3.20	0.0		114.6	2.06		0.80	10.80	275.7	4		Coalpit Run Proj.	
BCSB-066	CPR-13	1/14/03	362			3.10	0.0		126.6	1.90		0.67	9.85	293.6	<3		Coalpit Run Proj.	
BCSB-067	CPR-14	7/25/02	96			4.40	5.6		34.6	<0.3		2.05	3.00	144.9	3		Coalpit Run Proj.	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.												
BCSB-067	CPR-14	8/13/02	28			4.40	6.0		37.8	<0.3		1.72	2.17	151.4	<3		Coalpit Run Proj.	
BCSB-067	CPR-14	11/25/02	194			4.80	6.2		48.8	<0.3		1.03	2.55	154.5	6		Coalpit Run Proj.	
BCSB-067	CPR-14	12/17/02	425			4.80	6.6		39.8	<0.3		1.03	2.11	155.2	12		Coalpit Run Proj.	
BCSB-067	CPR-14	1/14/03	310			4.70	0.0		67.6	<0.3		0.95	3.98	143.3	<3		Coalpit Run Proj.	
BCSB-068	CPR-15	7/25/02	60			3.10	0.0		137.4	3.26		0.92	12.90	315.0	<3		Coalpit Run Proj.	
BCSB-068	CPR-15	8/13/02	44			3.10	0.0		137.8	3.57		0.96	13.20	297.4	<3		Coalpit Run Proj.	
BCSB-068	CPR-15	11/25/02	120			3.00	0.0		124.2	2.40		0.62	9.70	250.3	<3		Coalpit Run Proj.	
BCSB-068	CPR-15	12/17/02	86			3.10	0.0		125.2	2.25		0.76	11.20	314.2	<3		Coalpit Run Proj.	
BCSB-068	CPR-15	1/14/03	250			3.10	0.0		135.8	2.12		0.68	10.20	291.6	<3		Coalpit Run Proj.	
BCSB-069	CPR-16	7/25/02	0			2.80	0.0		354.8	15.90		2.47	39.40	367.2	20		Coalpit Run Proj.	
BCSB-069	CPR-16	8/13/02	0														Coalpit Run Proj.	
BCSB-069	CPR-16	11/25/02	6			2.70	0.0		473.8	14.20		3.75	58.80	382.7	16		Coalpit Run Proj.	
BCSB-069	CPR-16	12/17/02	5			2.70	0.0		446.2	9.40		3.18	52.10	647.8	<3		Coalpit Run Proj.	
BCSB-069	CPR-16	1/14/03	14			2.70	0.0		593.0	11.10		2.65	65.80	807.4	<3		Coalpit Run Proj.	
BCSB-070	CPR-17	7/25/02	192			5.70	12.4		34.0	11.00		1.86	9.56	211.7	192		Coalpit Run Proj.	
BCSB-070	CPR-17	8/13/02	15			5.40	10.0		29.0	1.10		1.63	1.34	192.9	<3		Coalpit Run Proj.	
BCSB-070	CPR-17	11/25/02	86			6.30	17.4		24.4	1.84		1.52	0.57	151.8	6		Coalpit Run Proj.	
BCSB-070	CPR-17	12/17/02	70			6.30	16.6		27.6	1.54		1.40	0.53	121.6	<3		Coalpit Run Proj.	
BCSB-070	CPR-17	1/14/03	18			6.30	16.2		25.2	1.57		1.36	0.59	142.2	<3		Coalpit Run Proj.	
BCSB-071	7	3/4/97		0		4.70	8.8	17.2		<0.3		0.56	2.06	109.4			TJ Mining Inc.	11890102
BCSB-071	7	12/11/97		0		4.70	8.4	14.8		0.37		0.54	1.73	70.3			TJ Mining Inc.	11890102
BCSB-071	7	3/4/98		0		4.70	8.0	20.0		0.33		0.60	2.03	99.8			TJ Mining Inc.	11890102
BCSB-071	7	6/17/98		0		4.30	6.4	28.0		0.88		1.32	3.15	170.0			TJ Mining Inc.	11890102
BCSB-071	7	11/10/99		0		4.50	8.2	30.0		<0.3		2.49	4.12	214.2			TJ Mining Inc.	11890102
BCSB-071	H2	8/14/01		0		3.90	0.0	129.2		0.50		2.84	11.70	252.7			Smith Energy Inc.	11980202
BCSB-071	CPR-18	7/25/02	101			3.90	0.0		59.2	2.68		2.71	5.24	222.2	12		Coalpit Run Proj.	
BCSB-071	CPR-18	8/13/02	53			3.80	0.0		46.6	1.52		2.94	4.82	221.1	<3		Coalpit Run Proj.	
BCSB-071	CPR-18	11/25/02	179			4.70	6.6		47.8	0.79		1.02	3.32	151.3	4		Coalpit Run Proj.	
BCSB-071	CPR-18	12/17/02	166			4.70	6.6		49.8	0.93		1.21	3.02	147.8	<3		Coalpit Run Proj.	
BCSB-071	CPR-18	1/14/03	267			4.50	5.6		51.0	0.72		1.14	3.61	51.0	<3		Coalpit Run Proj.	
BCSB-072	H4	12/30/99		0		3.90	0.0	64.0		5.45		2.87	8.12	254.3			Smith Energy Inc.	11980202
BCSB-072	H4	10/6/00	5	0		4.00	3.4	52.0		1.15		2.51	7.18	295.1			Smith Energy Inc.	11980202
BCSB-072	H4	3/27/01		0		3.70	0.0	46.0		0.71		2.94	4.45	197.8			Smith Energy Inc.	11980202
BCSB-072	H4	6/25/01		0		3.80	0.0	63.8		0.77		2.48	5.61	215.5			Smith Energy Inc.	11980202
BCSB-072	H4	8/14/01		0		3.70	0.0	93.6		0.75		3.39	10.20	252.2			Smith Energy Inc.	11980202
BCSB-072	H4	3/19/02	8	0		3.70	0.0	83.4		0.67		2.80	5.95	204.7			Smith Energy Inc.	11980202
BCSB-072	CPR-19	7/25/02	8			3.60	0.0		63.4	4.86		5.06	7.35	296.4	68		Coalpit Run Proj.	
BCSB-072	H4	7/25/02	8	0		3.60	0.0	63.4		4.86		5.06	7.35	296.4			Smith Energy Inc.	11980202
BCSB-072	H4	8/13/02	4	0		3.70	0.0	52.6		2.62		4.97	4.88	275.7			Smith Energy Inc.	11980202
BCSB-072	CPR-19	8/13/02	4			3.70	0.0		52.6	2.62		4.97	4.88	275.7	<3		Coalpit Run Proj.	
BCSB-072	CPR-19	11/25/02	20			3.60	0.0		76.6	1.46		4.19	6.79	270.6	4		Coalpit Run Proj.	
BCSB-072	CPR-19	12/17/02	13			3.60	0.0		65.0	1.28		4.23	6.55	309.6	<3		Coalpit Run Proj.	
BCSB-072	CPR-19	1/14/03	20			3.60	0.0		68.6	0.84		3.26	5.55	259.3	4		Coalpit Run Proj.	
BCSB-075	BCS-5079	11/12/73	50			3.00	0.0	138.0		4.90	0.00			356.0			Blacklick Scarlift	
BCSB-075	BCS-5079	12/5/73	100			2.70	0.0	500.0		4.20	0.00			210.0			Blacklick Scarlift	
BCSB-075	BCS-5079	1/4/74	100			3.10	0.0	132.0		4.30	0.00			226.0			Blacklick Scarlift	
BCSB-075	BCS-5079	2/1/74	150			3.20	0.0	114.0		4.20	0.00			225.0			Blacklick Scarlift	
BCSB-075	BCS-5079	2/20/74	50			3.20	0.0	158.0		6.00	0.00			125.0			Blacklick Scarlift	
BCSB-075	BCS-5079	3/18/74	150			3.10	0.0	122.0		4.00	0.00			375.0			Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH	S.U.												
BCSB-075	BCS-5079	4/16/74	125			3.10	0.0	98.0		4.00	0.00			100.0			Blacklick Scarlift	
BCSB-075	BCS-5079	5/13/74	75			3.20	0.0	120.0		4.00	0.00			150.0			Blacklick Scarlift	
BCSB-075	BCS-5079	6/4/74	125			2.90	0.0	100.0		3.70	0.00			100.0			Blacklick Scarlift	
BCSB-075	BCS-5079	7/30/74	30			2.90	0.0	200.0		4.80	0.00			850.0			Blacklick Scarlift	
BCSB-075	BCS-5079	8/20/74	19			2.90	0.0	400.0		4.80	0.00			275.0			Blacklick Scarlift	
BCSB-075	BCS-5079	9/12/74	23			2.70	0.0	1700.0		5.00	0.00			1100.0			Blacklick Scarlift	
BCSB-075	CPR-21	7/25/02	10			3.50	0.0		121.0	0.38		0.87	10.70	304.3	<3		Coalpit Run Proj.	
BCSB-075	CPR-21	8/13/02	7			3.50	0.0		122.4	0.36		0.88	10.40	230.2	<3		Coalpit Run Proj.	
BCSB-075	CPR-21	11/25/02	50			3.40	0.0		123.4	0.53		0.61	7.76	212.4	<3		Coalpit Run Proj.	
BCSB-075	CPR-21	12/17/02	20			3.40	0.0		130.4	0.56		0.78	10.40	291.5	<3		Coalpit Run Proj.	
BCSB-075	CPR-21	1/14/03	44			3.40	0.0		101.8	0.41		0.48	5.97	239.3	<3		Coalpit Run Proj.	
BCSB-076	CPR-22	7/25/02	8			6.70	48.0		0.0	0.51		0.07	<0.50	77.4	16		Coalpit Run Proj.	
BCSB-076	CPR-22	8/13/02	2			7.00	46.0		0.0	<0.3		0.07	<0.50	33.1	<3		Coalpit Run Proj.	
BCSB-076	CPR-22	11/25/02	136			7.30	30.0		0.0	<0.3		0.12	<0.50	65.9	<3		Coalpit Run Proj.	
BCSB-076	CPR-22	12/17/02	76			7.20	26.0		0.0	<0.3		0.14	<0.50	77.8	<3		Coalpit Run Proj.	
BCSB-076	CPR-22	1/14/03				7.00	32.2		0.0	<0.3		<0.05	<0.50	49.5	<3		Coalpit Run Proj.	
BCSB-077	CPR-3	7/24/02	43			6.50	56.0		0.0	<0.3		<0.05	<0.50	115.7	<3		Coalpit Run Proj.	
BCSB-077	CPR-3	8/14/02	15			7.50	74.0		0.0	<0.3		<0.05	<0.50	88.6	4		Coalpit Run Proj.	
BCSB-077	CPR-3	11/25/02	207			6.70	16.8		0.0	<0.3		<0.05	<0.50	95.8	<3		Coalpit Run Proj.	
BCSB-077	CPR-3	12/17/02	390			7.10	18.0		0.0	<0.3		<0.05	<0.50	25.1	6		Coalpit Run Proj.	
BCSB-077	CPR-3	1/14/03	539			7.10	25.8		0.0	<0.3		<0.05	<0.50	41.8	8		Coalpit Run Proj.	
BCSB-078	CPR-4	7/24/02	361			3.60	0.0		93.6	1.08		1.83	7.67	207.7	<3		Coalpit Run Proj.	
BCSB-078	CPR-4	8/14/02	67			3.50	0.0		89.4	0.82		1.85	8.48	208.0	<3		Coalpit Run Proj.	
BCSB-078	CPR-4	11/25/02	635			3.60	0.0		89.0	0.89		1.41	6.13	202.3	<3		Coalpit Run Proj.	
BCSB-078	CPR-4	12/17/02	740			3.70	0.0		69.8	0.87		1.42	6.43	137.3	<3		Coalpit Run Proj.	
BCSB-078	CPR-4	1/14/03	740			3.50	0.0		86.0	1.14		1.33	7.98	246.4	<3		Coalpit Run Proj.	
BCSB-079	CPR-5	7/24/02	11			3.10	0.0		162.0	5.19		3.90	14.00	324.9	<3		Coalpit Run Proj.	
BCSB-079	CPR-5	8/14/02	6			3.00	0.0		170.8	6.06		3.99	13.70	305.4	<3		Coalpit Run Proj.	
BCSB-079	CPR-5	11/25/02	74			3.00	0.0		191.4	5.61		3.39	16.70	325.4	12		Coalpit Run Proj.	
BCSB-079	CPR-5	12/17/02	57			2.90	0.0		209.8	7.92		3.84	19.40	365.8	<3		Coalpit Run Proj.	
BCSB-079	CPR-5	1/14/03	57			3.10	0.0		151.2	3.02		2.97	14.90	407.6	<3		Coalpit Run Proj.	
BCSB-080	CPR-6	7/24/02	12			3.10	0.0		163.8	4.04		3.81	14.00	385.4	<3		Coalpit Run Proj.	
BCSB-080	CPR-6	8/14/02	7			3.00	0.0		177.4	5.67		4.16	20.60	385.3	<3		Coalpit Run Proj.	
BCSB-080	CPR-6	11/25/02	75			3.00	0.0		198.4	5.58		3.35	16.60	503.5	6		Coalpit Run Proj.	
BCSB-080	CPR-6	12/17/02	38			2.90	0.0		222.2	8.20		3.95	20.80	361.6	<3		Coalpit Run Proj.	
BCSB-080	CPR-6	1/14/03	166			3.00	0.0		156.2	2.85		2.93	14.70	407.4	<3		Coalpit Run Proj.	
BCSB-081	CPR-7	7/24/02	27			3.60	0.0		60.0	1.66		0.65	3.57	133.4	8		Coalpit Run Proj.	
BCSB-081	CPR-7	8/14/02	2			3.30	0.0		72.2	3.64		0.91	6.28	169.5	<3		Coalpit Run Proj.	
BCSB-081	CPR-7	11/25/02	12			3.50	0.0		93.2	0.79		0.89	7.87	135.7	8		Coalpit Run Proj.	
BCSB-081	CPR-7	12/17/02	14			3.60	0.0		99.8	0.33		0.84	6.97	161.7	<3		Coalpit Run Proj.	
BCSB-081	CPR-7	1/14/03	120			3.60	0.0		45.6	1.14		0.54	2.52	143.5	12		Coalpit Run Proj.	
BCSB-082	CPR-8	7/24/02	14			3.50	0.0		137.0	8.04		3.69	16.40	385.7	52		Coalpit Run Proj.	
BCSB-082	CPR-8	8/14/02	1			3.30	0.0		136.0	3.25		3.59	13.50	168.6	<3		Coalpit Run Proj.	
BCSB-082	CPR-8	11/25/02	14			3.50	0.0		155.8	0.65		3.78	19.60	281.5	8		Coalpit Run Proj.	
BCSB-082	CPR-8	12/17/02	12			3.60	0.0		168.2	0.49		3.72	20.10	310.4	<3		Coalpit Run Proj.	
BCSB-082	CPR-8	1/14/03	16			3.60	0.0		159.6	0.39		3.29	17.00	626.9	<3		Coalpit Run Proj.	
BCSB-083	CPR-9	7/24/02	26			4.60	11.0		58.8	9.64		0.43	2.89	227.4	<3		Coalpit Run Proj.	
BCSB-083	CPR-9	8/14/02	2			4.50	7.0		65.0	11.10		0.43	2.74	145.4	<3		Coalpit Run Proj.	
BCSB-083	CPR-9	11/25/02	0														Coalpit Run Proj.	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
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Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-083	CPR-9	12/17/02	0														Coalpit Run Proj.	
BCSB-083	CPR-9	1/14/03	118			4.70	8.2		74.4	17.50		0.56	1.33	184.9	<3		Coalpit Run Proj.	
BCSB-084	900442	6/1/02		350		6.85	40.0	1.0		1.38		0.17	0.40	124.0	10		ICCD - Multi County	
BCSB-087	KBLVI1	6/23/99				2.80	0.0	220.0	518.0	32.50	0.61	39.70	3.32	953.8	22		Stream Team	
BCSB-087	KBLVI1	1/20/00					0.0				2.00			>200			Stream Team	
BCSB-087	KBLVI1	4/12/00				2.70	0.0	226.0	490.0	45.80	0.83	40.10	3.30	546.0	30		Stream Team	
BCSB-087	KBLVI1	7/12/00				2.80	0.0		518.0	43.20	2.22	45.10	3.85	659.0	16		Stream Team	
BCSB-087	KBLVI1	10/16/00				2.70	0.0	296.0	656.0	53.50	3.91	61.50	4.48	786.0	4		Stream Team	
BCSB-087	KBLVI1	3/2/01				2.70	0.0		202.0	37.10		39.90	3.26	556.0	4		Stream Team	
BCSB-087	KBLVI1	11/6/02				2.70	0.0	217.8	583.0	37.10	0.81	50.70	3.49	927.4	4		Stream Team	
BCSB-087	KBLVI1	1/27/03				2.60	0.0	101.2	552.0	40.50	0.96	45.40	3.98	927.2	30		Stream Team	
BCSB-087	KBLVI1	5/3/03				2.70	0.0		457.6	26.90	0.00	34.40	2.94	697.6	10		Stream Team	
BCSB-087	KBLVI1	8/14/03				2.70	0.0		453.2	32.10	0.69	39.50	3.51	788.8	4		Stream Team	
BCSB-088	11960201-3	2/3/95				2.90	0.0			7.76		3.22	71.70	832.0			SBBC Proj.	11960201
BCSB-088	11960201-3	10/7/95		2200		2.76	0.0			130.00		4.50	120.00	1575.0	12		SBBC Proj.	11960201
BCSB-088	11960201-3	4/30/96		660		2.90	0.0			24.00		1.20	24.00	286.0	84		SBBC Proj.	11960201
BCSB-088	11960201-3	5/23/96		1300		2.80	0.0			49.00		2.80	46.00	810.0	18		SBBC Proj.	11960201
BCSB-088	11960201-3	6/26/96	4600	1109		2.95	0.0			38.40		2.10	30.60	570.0	7		SBBC Proj.	11960201
BCSB-088	11960201-3	7/25/96	1900	1537		2.68	0.0			55.90		3.60	53.30	830.0	11		SBBC Proj.	11960201
BCSB-088	11960201-3	8/23/96	750	1754		2.65	0.0			124.00		6.60	124.20	1660.0	4		SBBC Proj.	11960201
BCSB-088	11960201-3	9/25/96	1700	1265		2.78	0.0			81.00		2.51	45.80	820.0	16		SBBC Proj.	11960201
BCSB-088	11960201-3	12/10/96	3100	1355		2.84	0.0			92.00		3.60		650.0	9		SBBC Proj.	11960201
BCSB-088	11960201-3	1/8/97	2000	1335		2.86	0.0			78.00		2.62		1060.0	12		SBBC Proj.	11960201
BCSB-088	MP3	3/17/97		0		3.10	0.0	296.0		31.00		1.35	26.60	352.4			Smith Energy Inc.	11960201
BCSB-088	11960201-3	3/17/97				3.10	0.0			31.00		1.35	26.60	352.0	<3		SBBC Proj.	11960201
BCSB-088	11960201-3	5/28/97	1058	1058		2.94	0.0			25.10		1.17		354.0	18		SBBC Proj.	11960201
BCSB-088	MP3	6/4/97		0		2.80	0.0	528.0		55.00		2.11	50.10	668.8			Smith Energy Inc.	11960201
BCSB-088	11960201-3	6/4/97				2.80	0.0			55.00		2.11	50.10	669.0	<3		SBBC Proj.	11960201
BCSB-088	11960201-3	8/7/97	500	2013		2.79	0.0			129.00		5.70		1370.0	3		SBBC Proj.	11960201
BCSB-088	WM-20	10/18/97	167	2640		2.80	0.0			156.00		5.12	128.00	976.0			Webster Mine Study	
BCSB-088	WM-20	10/30/97	108	2190		2.80	0.0			135.00		3.91	116.00	509.0			Webster Mine Study	
BCSB-088	11960201-3	11/6/97	630	1049		2.82	0.0			73.00		2.28		600.0	13		SBBC Proj.	11960201
BCSB-088	WM-20	12/6/97	1641	1520		3.10	0.0			453.00		1.91	32.50	234.0			Webster Mine Study	
BCSB-088	11960201-3	12/23/97				3.20	0.0			36.30		1.61	34.60	391.0	6		SBBC Proj.	11960201
BCSB-088	MP3	12/23/97		0		3.20	0.0	334.0		36.30		1.61	34.60	391.0			Smith Energy Inc.	11960201
BCSB-088	11960201-3	2/18/98	1740	696		2.90	0.0			24.20		1.21		311.0	36		SBBC Proj.	11960201
BCSB-088	MP3	3/25/98		0		2.80	0.0	414.0		43.20		1.85	35.00	567.0			Smith Energy Inc.	11960201
BCSB-088	11960201-3	3/26/98				2.80	0.0			43.20		1.85	35.00	567.0	16		SBBC Proj.	11960201
BCSB-088	11960201-3	6/3/98	920	1541		2.46	0.0			94.00		4.41		1700.0	8		SBBC Proj.	11960201
BCSB-088	11960201-3	6/25/98				2.90	0.0			51.10		2.19	45.00	594.0	12		SBBC Proj.	11960201
BCSB-088	MP3	6/25/98		0		2.90	0.0	426.0		51.10		2.19	45.00	594.1			Smith Energy Inc.	11960201
BCSB-088	MP3	12/21/98		0		3.20	0.0	386.0		49.50		1.38	44.50	511.0			Smith Energy Inc.	11960201
BCSB-088	TMDL-35	2/15/02	1516			2.90	0.0	393.9		38.90		2.24	38.40	620.0	10		TMDL-Blacklick	
BCSB-088	TMDL-35	3/29/02	3617			2.87	0.0	296.0		29.44		1.71	28.26	432.0	17		TMDL-Blacklick	
BCSB-088	TMDL-35	4/19/02	2316			2.91	0.0	364.8		36.00		3.00	37.00	519.0	22		TMDL-Blacklick	
BCSB-088	TMDL-35	7/1/02	879			2.86	0.0	798.1		85.00		5.62	76.00	2533.0	1		TMDL-Blacklick	
BCSB-088	TMDL-35	8/1/02	337			2.77	0.0	799.2		108.00		5.90	91.00	1432.0	0		TMDL-Blacklick	
BCSB-088	TMDL-35	10/18/02	278			2.80	0.0	967.3		120.00		2.97	102.00	1647.0	5		TMDL-Blacklick	
BCSB-089	11860101-4	7/29/91		295		4.00	0.0			22.80		3.51	37.90	492.0	3		SBBC Proj.	11860101

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			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-089	11860101-4	12/12/97		435		4.00	0.0			1.49		0.52	7.30	82.0	<3		SBBC Proj.	11860101
BCSB-092	4	3/4/97		0		3.30	0.0	64.0		0.62		0.39	4.06	160.3			TJ Mining Inc.	11890102
BCSB-092	4	12/9/98		0		3.30	0.0	168.0		2.85		1.13	15.90	412.4			TJ Mining Inc.	11890102
BCSB-092	4	9/16/99		0		3.50	0.0	72.0		2.94		1.02	6.09	188.0			TJ Mining Inc.	11890102
BCSB-095	11860101-10	8/28/84	50	295		7.40	96.0			0.48		0.08		48.0	3		SBBC Proj.	11860101
BCSB-095	11860101-10	1/8/85	10	435		5.10	2.0			1.00		2.90		265.0	5		SBBC Proj.	11860101
BCSB-095	11860101-10	10/29/85	3	350		7.00	76.0			0.03		0.03		49.0	1		SBBC Proj.	11860101
BCSB-095	11860101-10	11/17/85	15	380													SBBC Proj.	11860101
BCSB-095	11860101-10	12/27/85	15	360		7.20	90.0			0.03		0.03		43.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	1/14/86	20	280													SBBC Proj.	11860101
BCSB-095	11860101-10	2/13/86	20	245		6.90	83.0			0.09		0.03		34.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	3/26/86	15	260													SBBC Proj.	11860101
BCSB-095	11860101-10	5/12/87	20	260		7.40	89.0			0.03		0.03		36.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	3/30/88	20	275		6.90	73.0			0.03		0.03		39.0	3		SBBC Proj.	11860101
BCSB-095	11860101-10	6/20/88	10	250		7.10	78.0			0.02		0.01		42.0	1		SBBC Proj.	11860101
BCSB-095	11860101-10	9/26/88	5	225		6.80	63.0			0.02		0.01		37.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	12/16/88	15	240		6.70	58.0			0.03		0.02		34.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	3/16/89	10	235		6.60	48.0			0.02		0.01		37.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	6/22/89	20	225		6.50	42.0			0.03		0.01		29.0	3		SBBC Proj.	11860101
BCSB-095	11860101-10	9/27/89	20	276		6.89	86.0			0.24		0.04		167.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	12/27/89	25	263		6.40	45.0			0.32		0.03		64.0	4		SBBC Proj.	11860101
BCSB-095	11860101-10	3/31/90	26	221		5.99	6.0			2.34		0.38		62.0	40		SBBC Proj.	11860101
BCSB-095	11860101-10	6/27/90		165		8.09	58.0			0.06		0.01	<0.50	27.0	3		SBBC Proj.	11860101
BCSB-095	11860101-10	12/13/90	35	301		7.10	98.0			0.02		0.01		44.0	1		SBBC Proj.	11860101
BCSB-095	11860101-10	2/27/91	100	272		7.30	86.0			0.04		0.02		38.0	1		SBBC Proj.	11860101
BCSB-095	11860101-10	4/18/91	60	264		7.20	82.0			0.05		0.05		35.0	1		SBBC Proj.	11860101
BCSB-095	11860101-10	8/8/91	2	304		7.50	86.0			0.10		0.03		36.0	1		SBBC Proj.	11860101
BCSB-095	11860101-10	12/31/91	60	309		7.40	86.0			0.17		0.02		59.0	3		SBBC Proj.	11860101
BCSB-095	11860101-10	2/24/92	75	270		7.20	84.0			0.04		0.01		44.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	4/15/92				7.00	98.0			<0.3		<0.05	<0.50	39.0	3		SBBC Proj.	11860101
BCSB-095	11860101-10	6/12/92	25	297		6.70	94.0			0.03		0.01		50.0	3		SBBC Proj.	11860101
BCSB-095	11860101-10	9/29/92	20	290		7.20	92.0			0.20		0.04		51.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	2/3/93	25	440		4.30				3.20		0.30		141.0	10		SBBC Proj.	11860101
BCSB-095	11860101-10	7/22/93		310		7.30	99.0			0.06		0.06		39.0	1		SBBC Proj.	11860101
BCSB-095	11860101-10	10/26/93		298		7.10	95.0			0.03		0.03		47.0	1		SBBC Proj.	11860101
BCSB-095	11860101-10	9/7/94				6.80	106.0			<0.3		<0.05	1.02	39.0	<3		SBBC Proj.	11860101
BCSB-095	11860101-10	5/11/95	15	262		7.80	100.0			0.01		0.01		30.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	8/7/95				7.00	110.0			<0.3		<0.05	<0.50	38.0	<3		SBBC Proj.	11860101
BCSB-095	11860101-10	9/27/95	10	273		7.60	125.0			0.02		0.01		36.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	12/5/95	2	57		6.20	10.0			0.01		0.01		20.0	0		SBBC Proj.	11860101
BCSB-095	11860101-10	6/25/96	1	227		6.80	23.0			0.10		0.02		62.0	2		SBBC Proj.	11860101
BCSB-095	11860101-10	8/7/96				6.60	110.0			<0.3		<0.05	<0.50	37.0	<3		SBBC Proj.	11860101
BCSB-095	11860101-10	4/27/97	3	270		7.20	108.0			0.06		0.01		47.0	0		SBBC Proj.	11860101
BCSB-095	11860101-10	6/4/97				6.70	56.0			<0.3		0.06	<0.50	30.0	<3		SBBC Proj.	11860101
BCSB-095	11860101-10	6/24/97	28	270		7.40	108.0			0.04		0.08		32.0	0		SBBC Proj.	11860101
BCSB-095	11860101-10	9/29/97	4	290		7.70	106.0			0.04		0.03		39.0	0		SBBC Proj.	11860101
BCSB-096	11860101-1	8/28/84	80	479		3.70	18.0			0.97		2.00		2.3	3		SBBC Proj.	11860101
BCSB-096	11860101-1	1/8/85	30	154		5.60	2.0			1.40		0.63		104.0	7		SBBC Proj.	11860101
BCSB-096	11860101-1	10/29/85	20	725		3.10	0.0			0.16		3.00		238.0	8		SBBC Proj.	11860101

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-096	11860101-1	11/17/85	50	550													SBBC Proj.	11860101
BCSB-096	11860101-1	12/27/85	50	565		3.30	0.0			0.92		2.40		205.0	1		SBBC Proj.	11860101
BCSB-096	11860101-1	1/14/86	60	450													SBBC Proj.	11860101
BCSB-096	11860101-1	2/13/86	50	430		3.00	0.0			0.54		1.56		157.0	0		SBBC Proj.	11860101
BCSB-096	11860101-1	3/26/86	40	500													SBBC Proj.	11860101
BCSB-096	11860101-1	5/12/87	60	366		3.50	0.0			0.36		1.30		144.0	2		SBBC Proj.	11860101
BCSB-096	11860101-1	3/30/88	60	425		3.70	0.0			0.65		0.90		202.0	3		SBBC Proj.	11860101
BCSB-096	11860101-1	6/20/88	60	450		3.40	0.0			1.20		1.20		245.0	6		SBBC Proj.	11860101
BCSB-096	11860101-1	9/26/88	30	440		3.80	0.0			0.60		1.10		152.0	8		SBBC Proj.	11860101
BCSB-096	11860101-1	12/16/88	20	392		3.80	0.0			0.71		1.40		223.0	10		SBBC Proj.	11860101
BCSB-096	11860101-1	3/16/89	50	500		2.90	0.0			0.90		1.22		204.0	1		SBBC Proj.	11860101
BCSB-096	11860101-1	6/22/89	300	425		3.20	0.0			0.82		0.95		202.0	5		SBBC Proj.	11860101
BCSB-096	11860101-1	9/27/89	300	460		3.11	0.0			0.66		1.84		207.0	4		SBBC Proj.	11860101
BCSB-096	11860101-1	12/27/89	300	360		3.23	0.0			0.35		1.03		131.0	14		SBBC Proj.	11860101
BCSB-096	11860101-1	3/31/90	425	65		3.69	0.0			0.86		0.14		17.0	12		SBBC Proj.	11860101
BCSB-096	11860101-1	6/27/90		528		4.34	0.0			0.90		2.78		207.0	3		SBBC Proj.	11860101
BCSB-096	11860101-1	9/27/90		340		4.99	2.0			1.18		1.28		139.0	5		SBBC Proj.	11860101
BCSB-096	11860101-1	12/12/90	250	350		4.70	6.0			0.49		1.02	2.41	135.0	<2		SBBC Proj.	11860101
BCSB-096	11860101-1	2/27/91	250	308		5.30	14.0			0.39		0.96		180.0			SBBC Proj.	11860101
BCSB-096	11860101-1	4/18/91	300	312		5.00	12.0			0.53		0.91		64.0			SBBC Proj.	11860101
BCSB-096	11860101-1	6/12/91				4.60	7.0			<0.3		1.62	2.37	125.0	10		SBBC Proj.	11860101
BCSB-096	11860101-1	7/29/91				3.40	0.0			1.08		1.37	6.55	229.0	2		SBBC Proj.	11860101
BCSB-096	11860101-1	8/8/91	5	727		3.40	0.0			1.82		2.93		315.0			SBBC Proj.	11860101
BCSB-096	11860101-1	12/31/91	250	502		5.80	6.0			0.56		0.85		180.0			SBBC Proj.	11860101
BCSB-096	11860101-1	2/6/92				3.80	0.0			1.16		2.27	7.23	193.0	6		SBBC Proj.	11860101
BCSB-096	11860101-1	2/24/92		291		5.30	4.0			0.18		0.43		94.0			SBBC Proj.	11860101
BCSB-096	11860101-1	6/12/92	80	607		3.70	0.0			0.73		2.14		305.0			SBBC Proj.	11860101
BCSB-096	11860101-1	8/19/92				3.70	0.0			0.62		3.16	8.32	218.0	<2		SBBC Proj.	11860101
BCSB-096	11860101-1	9/20/92	70	640		3.80	0.0			1.50		3.50		309.0			SBBC Proj.	11860101
BCSB-096	11860101-1	10/22/92				3.90	0.0			0.70		3.09	6.97	203.0	<2		SBBC Proj.	11860101
BCSB-096	11860101-1	2/4/93				3.90	0.0			1.06		1.64	5.66	125.0	<2		SBBC Proj.	11860101
BCSB-096	11860101-1	7/22/93		340		3.30	0.0			0.35		2.00		234.0			SBBC Proj.	11860101
BCSB-096	11860101-1	10/25/93				4.10	6.0			0.50		1.83	3.96	115.0	8		SBBC Proj.	11860101
BCSB-096	11860101-1	10/29/93	80	440		3.60	0.0			0.57		1.85		170.0			SBBC Proj.	11860101
BCSB-096	11860101-1	2/20/94	70	340		4.10	0.0			0.08		1.02		152.0			SBBC Proj.	11860101
BCSB-096	11860101-1	3/15/94				6.00	16.0			1.64		0.38	2.12	48.0	14		SBBC Proj.	11860101
BCSB-096	11860101-1	6/2/94	80	540		3.69	0.0			0.46		2.42		256.0			SBBC Proj.	11860101
BCSB-096	11860101-1	9/30/94	80	180		5.88	4.0			0.38		0.46		63.0			SBBC Proj.	11860101
BCSB-096	11860101-1	10/1/94	80	170		5.98	4.0			0.34		0.40		65.0			SBBC Proj.	11860101
BCSB-096	11860101-1	5/11/95	280	270		5.20	8.0			0.01		0.58		72.0	4		SBBC Proj.	11860101
BCSB-096	11860101-1	8/7/95				4.00	2.0			1.19		2.14	5.14	183.0	<3		SBBC Proj.	11860101
BCSB-096	11860101-1	9/27/95	120	210		4.60	5.0			0.01		0.53		68.0	5		SBBC Proj.	11860101
BCSB-096	11860101-1	11/13/95				4.70	8.0			0.50		1.31	2.17	105.0	14		SBBC Proj.	11860101
BCSB-096	11860101-1	12/5/95	4	262		4.70	8.0			0.39		0.86		104.0	1		SBBC Proj.	11860101
BCSB-096	11860101-1	3/29/96		166		6.40	12.0			0.28		0.27		31.0	10		SBBC Proj.	11860101
BCSB-096	11860101-1	6/6/96				3.80	0.0			0.35		1.16	5.57	164.0	<3		SBBC Proj.	11860101
BCSB-096	11860101-1	6/25/96	180	359		4.60	8.0			0.53		1.14		140.0	3		SBBC Proj.	11860101
BCSB-096	11860101-1	8/7/96				3.70	0.0			1.45		3.24	7.00	260.0	<3		SBBC Proj.	11860101
BCSB-096	11860101-1	9/6/96	20	727		3.80	0.0			1.77		3.77		312.0	0		SBBC Proj.	11860101

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-096	11860101-1	12/13/96		180		6.00	12.0			0.13		0.35		51.0	7		SBBC Proj.	11860101
BCSB-096	11860101-1	3/25/97				4.20	5.0			0.60		1.03	4.95	154.0	<3		SBBC Proj.	11860101
BCSB-096	11860101-1	3/31/97	150	334		4.60	8.0			0.36		0.75		231.0	2		SBBC Proj.	11860101
BCSB-096	11860101-1	6/24/97	52	446		4.00	0.0			0.20		1.12		183.0	1		SBBC Proj.	11860101
BCSB-096	11860101-1	9/25/97				3.80	0.0			2.73		4.18	8.79	320.0	4		SBBC Proj.	11860101
BCSB-096	11860101-1	9/29/97	40	592		3.90	0.0			1.64		2.59		237.0	1		SBBC Proj.	11860101
BCSB-096	11860101-1	12/29/97				4.40	10.0			0.50		0.97	3.92	112.0	<3		SBBC Proj.	11860101
BCSB-097	11860101-7	8/28/84	20	79		6.60	8.0			3.20		0.19		15.0	39		SBBC Proj.	11860101
BCSB-097	11860101-7	1/8/85		83		6.40	4.0			0.45		0.09		17.0	41		SBBC Proj.	11860101
BCSB-097	11860101-7	11/17/85	15	85													SBBC Proj.	11860101
BCSB-097	11860101-7	12/27/85	10	95		5.50	7.0			0.04		0.03		15.0	1		SBBC Proj.	11860101
BCSB-097	11860101-7	1/14/86	15														SBBC Proj.	11860101
BCSB-097	11860101-7	2/13/86	15	84		5.90	5.0			0.28		0.04		10.0	3		SBBC Proj.	11860101
BCSB-097	11860101-7	3/26/86	5	100													SBBC Proj.	11860101
BCSB-097	11860101-7	4/18/86	10	91		6.20	5.0			0.50		0.06		13.0	42		SBBC Proj.	11860101
BCSB-097	11860101-7	5/12/87	15	93		6.30	4.0			0.09		0.03		10.0	5		SBBC Proj.	11860101
BCSB-097	11860101-7	3/30/88	15	89		6.10	6.0			0.03		0.01		14.0	7		SBBC Proj.	11860101
BCSB-097	11860101-7	6/20/88	5	67		6.40	5.0			0.30		0.02		15.0	5		SBBC Proj.	11860101
BCSB-097	11860101-7	9/26/88	5	58		6.20	8.0			0.20		0.01		12.0	6		SBBC Proj.	11860101
BCSB-097	11860101-7	12/16/88	10	88		6.10	5.0			0.10		0.02		12.0	4		SBBC Proj.	11860101
BCSB-097	11860101-7	3/16/89	30	98		5.90	2.0			0.08		0.01		15.0	7		SBBC Proj.	11860101
BCSB-097	11860101-7	6/22/89	20	88		6.20	3.0			0.06		0.01		12.0	5		SBBC Proj.	11860101
BCSB-097	11860101-7	9/27/89	5	172		6.32	22.0			1.78		0.12		25.0	127		SBBC Proj.	11860101
BCSB-097	11860101-7	12/27/89	20	139		5.50	1.0			0.09		0.03		24.0	10		SBBC Proj.	11860101
BCSB-097	11860101-7	3/31/90	20	220		6.09	4.0			1.32		0.06		21.0	22		SBBC Proj.	11860101
BCSB-097	11860101-7	6/27/90		83		7.18	16.0			0.22		0.06		8.0	2		SBBC Proj.	11860101
BCSB-097	11860101-7	9/27/90		120		6.66	10.0			0.37		0.02		21.0	4		SBBC Proj.	11860101
BCSB-097	11860101-7	12/12/90	60	91		6.40	36.0			0.13		0.03	<0.50	1.0	1		SBBC Proj.	11860101
BCSB-097	11860101-7	2/27/91	125	91		6.20	6.0			0.14		0.30		6.0	2		SBBC Proj.	11860101
BCSB-097	11860101-7	4/18/91	100	129		5.50	8.0			0.06		0.06		2.0	1		SBBC Proj.	11860101
BCSB-097	11860101-7	8/8/91															SBBC Proj.	11860101
BCSB-097	11860101-7	12/31/91	50	190		6.50	10.0			0.15		0.01		25.0	2		SBBC Proj.	11860101
BCSB-097	11860101-7	2/6/92				6.20	12.0			<0.3		<0.05	<0.50	<20.0	<2		SBBC Proj.	11860101
BCSB-097	11860101-7	2/24/92	250	197		6.30	10.0			0.08		0.04		21.0	3		SBBC Proj.	11860101
BCSB-097	11860101-7	6/12/92	5	126		6.00	18.0			0.11		0.05		12.0	3		SBBC Proj.	11860101
BCSB-097	11860101-7	8/19/92				6.50	22.0			0.39		0.13	<0.50	36.0	2		SBBC Proj.	11860101
BCSB-097	11860101-7	9/20/92	15	156		6.50	20.0			1.20		0.20		18.0	11		SBBC Proj.	11860101
BCSB-097	11860101-7	10/22/92				6.60	20.0			<0.3		2.20	<0.50	32.0	20		SBBC Proj.	11860101
BCSB-097	11860101-7	2/3/93	20	450		3.90	0.0			0.55		1.30		146.0	1		SBBC Proj.	11860101
BCSB-097	11860101-7	2/4/93				6.30	13.0			<0.3		<0.05	<0.50	34.0	3		SBBC Proj.	11860101
BCSB-097	11860101-7	7/22/93		104		6.70	17.0			0.40		0.08		7.0	4		SBBC Proj.	11860101
BCSB-097	11860101-7	10/23/93				6.10	22.0			<0.3		<0.05	<0.50	<20.0	18		SBBC Proj.	11860101
BCSB-097	11860101-7	10/29/93		138		6.80	20.0			0.03		0.03		17.0	1		SBBC Proj.	11860101
BCSB-097	11860101-7	3/15/94				6.10	19.0			0.75		0.08	0.77	<20.0	8		SBBC Proj.	11860101
BCSB-097	11860101-7	6/14/94				7.00	18.0			0.57		0.10	<0.50	<20.0			SBBC Proj.	11860101
BCSB-097	11860101-7	6/20/94	7	98		6.56	12.0			0.56		0.06		15.0	6		SBBC Proj.	11860101
BCSB-097	11860101-7	9/30/94	10	134		7.02	8.0			0.32		0.06		15.0	5		SBBC Proj.	11860101
BCSB-097	11860101-7	10/1/94	10	127		6.91	8.0			0.30		0.03		17.0	3		SBBC Proj.	11860101
BCSB-097	11860101-7	10/4/94				6.60	17.0			<0.3		0.05	<0.50	<20.0	12		SBBC Proj.	11860101

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-097	11860101-7	1/25/95				6.30	13.0			<0.3		<0.05	<0.50	<20.0	<3		SBBC Proj.	11860101
BCSB-097	11860101-7	5/11/95	20	193		6.90	18.0			0.05		0.01		14.0	11		SBBC Proj.	11860101
BCSB-097	11860101-7	9/27/95	5	150		6.00	22.0			0.07		0.01		16.0	12		SBBC Proj.	11860101
BCSB-097	11860101-7	11/13/95				6.30	15.0			<0.3		<0.05	<0.50	22.0	16		SBBC Proj.	11860101
BCSB-097	11860101-7	12/5/95	3	104		5.80	10.0			0.01		0.05		21.0	1		SBBC Proj.	11860101
BCSB-097	11860101-7	3/29/96	124	131		6.80	24.0			0.44		0.05		15.0	12		SBBC Proj.	11860101
BCSB-097	11860101-7	6/6/96				6.10	15.0			1.28		0.08	0.96	38.0	<3		SBBC Proj.	11860101
BCSB-097	11860101-7	6/25/96	20	137		6.70	18.0			0.22		0.03		18.0	3		SBBC Proj.	11860101
BCSB-097	11860101-7	8/7/96				6.30	22.0			0.60		0.05	<0.50	<20.0	14		SBBC Proj.	11860101
BCSB-097	11860101-7	9/6/96	1	124		7.30	26.0			0.17		0.07		8.0	2		SBBC Proj.	11860101
BCSB-097	11860101-7	12/13/96	25	125		6.60	14.0			0.11		0.07		26.0	1		SBBC Proj.	11860101
BCSB-097	11860101-7	3/25/97				6.20	13.0			2.37		0.16	1.57	<20.0	<3		SBBC Proj.	11860101
BCSB-097	11860101-7	3/31/97	85	122		6.70	14.0			0.07		0.03		25.0	2		SBBC Proj.	11860101
BCSB-097	11860101-7	6/24/97	12	111		6.60	18.0			0.16		0.10		9.0	12		SBBC Proj.	11860101
BCSB-097	11860101-7	9/29/97	25	207		7.20	32.0			0.32		0.03		18.0	1		SBBC Proj.	11860101
BCSB-097	11860101-7	12/29/97				6.00	15.0			<0.3		<0.05	<0.50	<20.0	<3		SBBC Proj.	11860101
BCSB-098	11860101-8	8/28/84	50	74		6.60	12.0			1.00		0.12		20.0	2		SBBC Proj.	11860101
BCSB-098	11860101-8	1/8/85	20	395		4.00	6.0			3.70		2.50		211.0	7		SBBC Proj.	11860101
BCSB-098	11860101-8	10/29/85		340		6.50	65.0			0.04		0.10		35.0	2		SBBC Proj.	11860101
BCSB-098	11860101-8	11/17/85	25	250													SBBC Proj.	11860101
BCSB-098	11860101-8	12/27/85	20	200		6.70	40.0			0.03		0.03		31.0	2		SBBC Proj.	11860101
BCSB-098	11860101-8	1/14/86	25	220													SBBC Proj.	11860101
BCSB-098	11860101-8	2/13/86	20	125		6.25	26.0			0.06		0.04		17.0	0		SBBC Proj.	11860101
BCSB-098	11860101-8	3/26/86	20	170													SBBC Proj.	11860101
BCSB-098	11860101-8	5/12/87	30	92		6.40	19.0			0.03		0.03		20.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	3/30/88	25	108		6.60	33.0			0.15		0.02		19.0	3		SBBC Proj.	11860101
BCSB-098	11860101-8	12/16/88	20	145		6.30	23.0			0.02		0.02		24.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	3/16/89	20	123		6.20	20.0			0.15		0.03		17.0	3		SBBC Proj.	11860101
BCSB-098	11860101-8	6/22/89	40	108		6.60	24.0			0.08		0.01		13.0	8		SBBC Proj.	11860101
BCSB-098	11860101-8	9/27/89	35	122		6.28	28.0			0.18		0.08		21.0	2		SBBC Proj.	11860101
BCSB-098	11860101-8	12/27/89	50	118		6.30	25.0			0.09		0.07		19.0	4		SBBC Proj.	11860101
BCSB-098	11860101-8	3/31/90	50	79		6.21	9.0			0.04		0.08		17.0	6		SBBC Proj.	11860101
BCSB-098	11860101-8	6/27/90		176		7.94	56.0			0.03		0.01		27.0	2		SBBC Proj.	11860101
BCSB-098	11860101-8	6/29/90				7.30	58.0			<0.3		0.12	<0.50	43.0	9		SBBC Proj.	11860101
BCSB-098	11860101-8	12/13/90		123		6.70	36.0			0.04		0.03		2.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	2/27/91		112		6.60	24.0			0.06		0.04		4.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	4/18/91		124		6.00	30.0			0.07		0.05		7.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	6/12/91				7.40	28.0			0.49		0.09		28.0	13		SBBC Proj.	11860101
BCSB-098	11860101-8	8/8/91		727		7.00	76.0			0.20		0.48		9.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	12/31/91		144		6.50	30.0			0.14		0.01		26.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	2/24/92		97		6.60	14.0			0.08		0.03		8.0	5		SBBC Proj.	11860101
BCSB-098	11860101-8	4/15/92				6.30	26.0			<0.3		<0.05	<0.50	22.0	<3		SBBC Proj.	11860101
BCSB-098	11860101-8	6/12/92		239		6.70	70.0			0.03		0.02		41.0	4		SBBC Proj.	11860101
BCSB-098	11860101-8	9/29/92		200		6.90	62.0			0.22		0.08		33.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	2/3/93		215		6.80	20.0			0.08		0.06		189.0	2		SBBC Proj.	11860101
BCSB-098	11860101-8	7/22/93		82		6.30	22.0			0.08		0.16		11.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	10/29/93		109		6.30	29.0			0.04		0.06		18.0	3		SBBC Proj.	11860101
BCSB-098	11860101-8	2/20/94		124		7.35	24.0			0.03		0.04		18.0	0		SBBC Proj.	11860101
BCSB-098	11860101-8	6/20/94		138		7.75	32.0			0.03		0.03		20.0	1		SBBC Proj.	11860101



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.			Acidity (mg/l)									
BCSB-098	11860101-8	9/7/94				6.60	46.0			<0.3		0.05	0.97	26.0	<3		SBBC Proj.	11860101
BCSB-098	11860101-8	9/30/94		118		7.54	28.0			0.03		0.03		15.0	0		SBBC Proj.	11860101
BCSB-098	11860101-8	10/1/94		108		7.30	28.0			0.03		0.03		15.0	2		SBBC Proj.	11860101
BCSB-098	11860101-8	5/11/95	35	110		7.30	34.0			0.01		0.01		16.0	2		SBBC Proj.	11860101
BCSB-098	11860101-8	8/7/95				6.80	54.0			<0.3		<0.05	<0.50	28.0	<3		SBBC Proj.	11860101
BCSB-098	11860101-8	9/27/95	25	112		6.80	36.0			0.05		0.06		18.0	2		SBBC Proj.	11860101
BCSB-098	11860101-8	12/5/95		55		5.10	8.0			0.01		0.05		20.0	0		SBBC Proj.	11860101
BCSB-098	11860101-8	3/29/96	15	80		6.90	20.0			0.05		0.03		13.0	4		SBBC Proj.	11860101
BCSB-098	11860101-8	6/25/96	40	140		6.80	36.0			0.04		0.03		21.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	8/7/96				6.80	72.0			<0.3		<0.05	<0.50	32.0	<3		SBBC Proj.	11860101
BCSB-098	11860101-8	12/13/96		90		6.80	24.0			0.04		0.04		18.0	0		SBBC Proj.	11860101
BCSB-098	11860101-8	3/31/97	100	115		6.80	38.0			0.04		0.03		29.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	6/4/97				6.60	38.0			<0.3		<0.05	<0.50	36.0	<3		SBBC Proj.	11860101
BCSB-098	11860101-8	6/24/97	55	163		7.00	58.0			0.04		0.14		20.0	1		SBBC Proj.	11860101
BCSB-098	11860101-8	12/29/97	25	161		7.20	54.0			0.04		0.03		22.0	1		SBBC Proj.	11860101
BCSB-099	11880201-4(A)	9/29/89				3.20	<1.0			4.10		15.10	492.00	3256.0	5		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	3/7/90	10			2.90	<1.0			3.03		12.30	500.00	2992.0	2		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	5/18/90	10			3.10	<1.0			2.83		12.30	500.00	2002.0	2		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	7/31/90	17	2400		3.00	<1.0			2.67		10.60	507.20	4135.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	8/28/90	10	3000		3.20	<1.0			2.70		13.30	519.00	4335.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	9/11/90	5			3.00	<1.0			3.88		17.00	500.00	4048.0	10		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	9/26/90	12	3200		3.00	<1.0			2.69		14.00	550.60	4505.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	10/25/90	14	3000		3.10	<1.0			2.94		11.70	573.50	4517.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	11/20/90	16	2800		3.10	<1.0			2.73		14.00	534.50	4273.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	12/20/90	18	2600		3.10	<1.0			2.35		12.80	516.60	4253.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	1/15/91	15	3200		3.10	<1.0			2.76		12.40	506.00	4531.0	2		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	2/7/91				3.20	<1.0			2.41		11.10	377.00	1902.0	4		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	2/22/91	20	2000		3.00	<1.0			2.89		10.20	522.20	4442.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	3/25/91	22	2600		3.00	<1.0			2.66		7.72	448.70	4303.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	4/18/91	20	3600		3.00	<1.0			2.71		9.73	432.10	4161.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	5/14/91	19	4000		3.00	<1.0			2.83		9.65	329.30	4556.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	6/17/91	12	3200		3.00	<1.0			2.82		10.50	632.90	4817.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	7/24/91	8	4800		3.00	<1.0			2.73		11.00	586.90	5078.0	7		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	8/23/91	6	4200		3.00	<1.0			2.67		10.70	453.00	5270.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	9/13/91	5			3.00	<1.0			4.21		20.10	500.00	5229.0	2		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	9/27/91	4	4800		3.00	<1.0			3.36		17.30	704.20	5372.0	2		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	10/29/91	3	4200		3.10	<1.0			2.43		15.00	558.40	5527.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	11/27/91	3	4000		3.10	<1.0			2.75		15.30	558.40	5303.0	24		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	12/9/91				3.10	<1.0			3.10		19.60	500.00	4620.0	2		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	12/12/91	6	4200		3.10	<1.0			2.97		13.90	641.70	4284.0	26		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	1/23/92	8	1300		2.70	<1.0			2.30		12.90	344.00	3759.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	2/11/92	9	3200		3.20	<1.0			1.87		10.50	229.00	3477.0	5		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	3/25/92	15	3200		3.10	<1.0			1.92		7.10	164.00	3430.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	4/29/92	21	2800		3.10	<1.0			1.34		9.90	203.00	2859.0	12		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	5/20/92	13	3000		3.20	<1.0			1.92		8.10	239.00	3526.0	1		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	6/18/92	8	3000		3.00	<1.0			1.74		9.40	340.00	3310.0	26		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	7/29/92	8	3200		3.10	<1.0			2.30		10.00	299.00	4105.0	12		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	8/24/92	8	3000		3.00	<1.0			2.19		10.30	236.00	4006.0	10		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	9/18/92	10			3.00	<1.0			2.77		14.30	493.00	2751.0	2		SBBC Proj.	11880201

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-099	11880201-4(A)	9/22/92	9	3000		3.00	<1.0			2.14		9.80	284.00	4474.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	10/21/92	8	3200		3.00	<1.0			2.11		10.50	366.00	4422.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	11/20/92	7	2800		3.10	<1.0			2.14		9.00	286.00	3998.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	11/23/92				3.10	<1.0			2.69		15.50	500.00	2090.0	9		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	12/31/92	11	2800		3.00	<1.0			2.48		9.60	295.00	4104.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	1/18/93	18	3000		3.10	<1.0			2.61		10.90	301.00	4230.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	2/25/93	12	2800		3.20	<1.0			2.00		8.70	202.00	3574.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	4/21/93	32	1800		3.20	<1.0			3.52		8.90	358.00	4368.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	5/21/93	19	2000		3.20	<1.0			3.06		6.00	250.00	3091.0	1		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	6/28/93	14	2000		3.30	<1.0			2.95		10.80	218.00	4140.0	3		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	7/29/93	11	2200		3.20	<1.0			2.83		9.00	360.00	4491.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	8/18/93	10	2600		3.10	<1.0			2.96		9.70	294.00	4488.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	9/30/93	8	2600		3.10	<1.0			3.05		9.70	230.00	4235.0	36		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	10/27/93	3	2200		3.10	<1.0			3.01		8.80	283.00	3942.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	11/15/93	10	1800		3.10	<1.0			2.26		11.50	275.00	4263.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	12/15/93	16	2000		3.10	<1.0			2.48		8.30	243.00	3465.0	10		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	12/30/93				3.10	<1.0			3.34		16.00	500.00	2543.0	16		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	1/26/94	8	1800		3.10	<1.0			2.44		8.30	259.00	3868.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	2/28/94	7	2000		3.00	<1.0			3.20		9.90	250.00	3798.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	3/30/94	10	2200		3.10	<1.0			2.79		9.70	278.00	4030.0	22		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	4/26/94	19	2400		2.80	<1.0			3.63		7.70	286.00	4200.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	5/31/94	12	1800		3.10	<1.0			3.36		8.60	276.00	3916.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	6/22/94	8	2000		3.20	<1.0			3.29		11.80	112.00	3952.0	4		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	7/27/94	5	2200		3.10	<1.0			3.92		10.10	319.00	4493.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	8/25/94	9	1600		3.00	<1.0			3.64		10.30	313.00	4203.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	9/28/94	10	1600		2.80	<1.0			3.17		13.30	432.00	3640.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	9/30/94				3.10	<1.0			3.05		12.40	462.00	1769.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	10/31/94	9	3400		3.10	<1.0			3.33		8.60	255.00	4483.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	12/27/94	18	3600		3.30	<1.0			2.66		8.68	234.00	3176.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	3/30/95	16	3200		3.20	<1.0			2.31		7.12	182.00	2582.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	3/14/96	9	3000		3.10	<1.0			1.97		12.10	381.00	2945.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	4/22/96	7	2800		3.10	<1.0			1.87		10.20	404.00	2908.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	6/21/96	2	2800		3.10	<1.0			1.61		10.60	285.00	3054.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	7/31/96		3000		3.00	<1.0			1.79		10.50	361.00	2966.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	8/26/96				3.10	<1.0										SBBC Proj.	11880201
BCSB-099	11880201-4(A)	9/30/96	3	2800		3.20	<1.0			1.86		9.80	365.00	2864.0	35		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	10/25/96	12	3000		3.10	<1.0			1.43		9.20	235.00	2679.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	11/22/96	12	2600		3.10	<1.0			1.45		8.90	233.00	2423.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	12/18/96	15	2600		2.30	<1.0			1.78		7.90	252.00	2423.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	1/16/97	11	2800		3.20	<1.0			1.51		8.10	375.00	2598.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	2/24/97	10	3000		3.20	<1.0			2.28		14.30	298.00	2914.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	3/12/97	12	2800		3.10	<1.0			2.33		7.90	222.00	2583.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	3/31/97	1			3.20	<1.0			2.35		8.81	344.00	2520.0	3		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	4/16/97	2	3000		3.20	<1.0			1.50		6.30	244.00	2500.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	5/28/97	4	3400		3.20	<1.0			2.25		12.30	346.00	3384.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	6/16/97	1	2800		3.20	<1.0			1.76		9.80	269.00	2749.0	4		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	8/22/97	0	3200		3.20	<1.0			2.17		11.80	395.00	2823.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	10/29/97	3	2800		3.70	<1.0			2.03		11.90	180.00	3006.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	1/19/98	4	2600		3.30	<1.0			2.46		8.00	150.00	2617.0			SBBC Proj.	11880201

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-099	11880201-4(A)	2/23/98	3	3200		3.20	<1.0			4.09		8.80	226.00	2992.0			SBBC Proj.	11880201
BCSB-099	11880201-4(A)	3/26/98	3	3800		3.20	<1.0			5.01		9.80	384.00	3921.0	2		SBBC Proj.	11880201
BCSB-099	11880201-4(A)	3/31/98				3.20	<1.0			2.02		9.50	443.00	3330.0	6		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	7/14/88	18	2800		3.20	<1.0			2.58		13.80	292.20	3441.0	51		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	8/16/88	6	2800		3.16	<1.0			3.05		16.47	480.00	4670.0	41		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/21/88	11	2200		3.10	<1.0			1.77		14.10	320.00	3043.0	2		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	10/10/88	15	2800		2.80	<1.0			2.20		11.60	358.50	3346.0	1		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	11/3/88	11	2400		3.10	<1.0			2.29		8.57	388.90	3541.0	13		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	12/6/88	18	2400		3.20	<1.0			1.95		8.50	377.60	3398.0	0		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	1/9/89	16	2400		3.10	<1.0			1.99		8.81	333.30	3223.0	3		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	2/1/89	19	2600		3.20	<1.0			2.05		10.20	479.60	3245.0	0		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	5/18/90	8			3.30	<1.0			2.17		8.98	318.00	1956.0	2		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	7/31/90	20	2200		3.20	<1.0			2.22		10.50	33.30	2760.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	8/28/90	12	2200		3.20	<1.0			2.16		9.98	278.50	2907.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/11/90	4			3.30	<1.0			2.77		13.50	402.00	2849.0	8		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/26/90	15	2400		3.20	<1.0			2.04		11.40	292.10	2951.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	10/25/90	23	2200		3.30	<1.0			2.23		9.95	352.90	2852.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	11/15/90	20	2200		3.30	<1.0			2.12		10.50	344.80	2814.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	12/20/90	23	2000		3.30	<1.0			1.85		9.41	333.30	2857.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	1/15/91	20	2600		3.20	<1.0			2.07		8.46	313.30	3021.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	2/22/91	35	1400		3.20	<1.0			1.93		6.45	288.90	2498.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	3/25/91	38	1800		3.20	<1.0			1.70		5.68	230.80	2435.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	4/18/91	29	2400		3.10	<1.0			1.74		6.61	246.90	2277.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	5/14/91	24	2600		3.20	<1.0			2.10		7.52	182.90	2620.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	6/17/91	12	2400		3.20	<1.0			2.20		7.71	329.10	3054.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	7/24/91	6	3600		3.20	<1.0			2.18		11.30	304.30	3528.0	5		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	8/23/91	3	3000		3.20	<1.0			1.82		8.56	253.00	3218.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/27/91	1	3200		3.30	<1.0			1.76		15.60	338.00	2995.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	10/29/91	0	2800		3.40	<1.0			1.31		13.10	285.70	2976.0	6		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	11/27/91	0	2400		3.30	<1.0			1.68		12.00	233.80	2308.0	22		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	12/12/91	5	2600		3.40	<1.0			1.23		11.20	217.90	2270.0	20		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	1/23/92	6	2200		3.20	<1.0			1.46		9.71	226.00	2333.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	2/11/92	12	2400		3.40	<1.0			1.25		7.64	198.00	2175.0	7		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	3/25/92	20	2400		3.30	<1.0			1.28		6.22	146.00	2324.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	4/29/92	26	2400		3.20	<1.0			1.22		6.94	145.00	2342.0	2		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	5/20/92	17	2200		3.40	<1.0			1.38		5.42	141.00	2011.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	6/18/92	8	2400		3.20	<1.0			1.29		7.54	196.00	2737.0	26		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	7/29/92	7	2200		3.40	<1.0			1.40		7.08	124.00	2263.0	4		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	8/24/92	7	2400		3.30	<1.0			1.45		7.23	135.00	2912.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/18/92	15			3.10	<1.0			2.12		13.50	433.00	2871.0	2		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/22/92	7	2200		3.30	<1.0			1.27		6.57	137.00	2178.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	10/21/92	7	2400		3.40	<1.0			1.27		6.36	169.00	2324.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	11/20/92	6	2000		3.30	<1.0			1.10		5.16	130.00	1880.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	12/18/92				3.40	<1.0			1.45		8.77	263.00	1038.0	3		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	12/21/92	9	2000		2.90	<1.0			1.24		5.65	128.00	2282.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	1/18/93	29	2600		3.30	<1.0			1.92		7.25	272.00	3282.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	2/25/93	14	2200		3.40	<1.0			1.60		7.12	101.00	2628.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	3/24/93	21	2000		3.60	<1.0			1.62		6.37	217.00	2336.0	3		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	4/21/93	40	2000		3.30	<1.0			2.45		6.92	221.00	2634.0			SBBC Proj.	11880201

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-100	11880201-4(B)	5/21/93	26	1600		3.40	<1.0			2.16		4.15	150.00	1877.0	0		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	6/28/93	17	2000		3.50	<1.0			2.45		9.73	149.00	2575.0	3		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	7/29/93	11	1400		3.10	<1.0			2.14		6.29	220.00	2654.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	8/18/93	10	1800		3.30	<1.0			2.03		6.56	167.00	2599.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/30/93	7	2000		3.40	<1.0			1.71		5.91	120.00	2128.0	14		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	10/27/93	9	1600		3.40	<1.0			1.96		6.86	141.00	2297.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	11/15/93	10	1600		3.40	<1.0			1.66		8.66	167.00	2367.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	12/15/93	25	1600		3.30	<1.0			1.98		5.81	168.00	2538.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	1/26/94	15	1600		3.40	<1.0			1.85		5.84	143.00	2377.0	26		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	2/28/94	11	1600		3.40	<1.0			2.03		6.07	138.00	2444.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	3/30/94	17	1800		3.40	<1.0			2.49		6.98	167.00	2793.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	4/26/94	31	2000		3.10	<1.0			2.75		5.32	153.00	2379.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	5/31/94	18	1600		3.30	<1.0			2.73		5.76	143.00	2433.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	6/22/94	12	1800		3.30	<1.0			2.38		7.21	102.00	2591.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	7/27/94	6	1600		3.40	<1.0			2.18		6.55	143.00	2018.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	8/25/94	9	1400		3.40	<1.0			1.54		5.90	115.00	1920.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/28/94	11	1600		3.20	<1.0			1.78		8.10	239.00	2240.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/30/94				3.40	<1.0			1.56		7.97	226.00	1461.0	3		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	10/31/94	6	2400		3.40	<1.0			1.59		5.35	122.00	2200.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	11/22/94	7	2200		3.70	<1.0			1.36		6.41	116.00	1841.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	12/27/94	18	2600		3.60	<1.0			1.47		5.47	138.00	1980.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	1/31/95	18	2400		3.20	<1.0			1.29		5.05	88.00	1474.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	2/27/95	16	2600		3.50	<1.0			1.33		4.96	91.00	1569.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	3/30/95	19	2600		3.40	<1.0			1.38		4.93	111.00	1698.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	4/27/95	13	2200		3.40	<1.0			1.33		5.75	122.00	1671.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	5/31/95	13	2200		3.40	<1.0			1.29		4.83	107.00	1724.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	6/21/95	13	2400		3.40	<1.0			1.31		5.75	88.00	1725.0	28		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	7/25/95	13	2200		3.60	<1.0			1.18		5.34	92.00	2079.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	8/28/95	10	2600		3.50	<1.0			1.52		5.68	113.00	2133.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/20/95	7	2600		3.20	<1.0			1.32		5.67	125.00	2105.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/26/95				3.40	<1.0			1.00		7.60	200.00	1640.0	3		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	3/14/96	11	2400		3.30	<1.0			1.51		8.21	210.00	1997.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	3/29/96				4.60	<1.0			0.50		0.46	5.97	77.0	3		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	4/22/96	11	2200		3.30	<1.0			1.57		6.61	246.00	1811.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	6/21/96	14	2200		3.30	<1.0			1.17		8.38	131.00	1849.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	6/28/96				3.40	<1.0			1.03		7.76	184.00	1920.0	3		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	7/31/96	13	2400		3.20	<1.0			1.28		7.38	170.00	1812.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	8/26/96	9	2200		3.30	<1.0			1.44		7.04	168.00	1936.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/30/96	15	2400		3.40	<1.0			1.29		6.97	199.00	2040.0	32		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	10/25/96	18	2400		3.30	<1.0			0.99		6.20	145.00	1686.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	11/22/96	22	2200		3.30	<1.0			1.10		6.20	120.00	1707.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	12/18/96	25	2200		2.50	<1.0			1.28		5.85	117.00	1609.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	1/16/97	19	2400		3.40	<1.0			1.12		6.00	242.00	1613.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	2/24/97	17	2200		3.40	<1.0			1.39		7.90	124.00	1658.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	3/12/97	25	2400		3.30	<1.0			1.60		5.97	105.00	1621.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	4/16/97	19	2400		3.40	<1.0			1.14		5.34	124.00	1685.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	5/28/97	14	2400		3.40	<1.0			1.18		7.50	146.00	1786.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	6/16/97	17	2200		3.40	<1.0			1.08		9.70	148.00	1749.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	6/24/97				5.80	<1.0			2.02		1.28	4.06	77.0	38		SBBC Proj.	11880201

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-100	11880201-4(B)	7/25/97	6	2000		3.10	<1.0			0.92		7.50	197.00	1546.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	8/22/97	7	2000		3.50	<1.0			0.77		7.30	119.00	1351.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	9/25/97	4	2000		3.50	<1.0			0.73		5.30	97.00	1519.0	4		SBBC Proj.	11880201
BCSB-100	11880201-4(B)	10/29/97	4	2000		3.30	<1.0			0.66		0.30	92.20	1339.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	11/21/97	13	2400		3.60	<1.0			1.04		6.70	97.00	2061.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	12/18/97	13	2400		3.20	<1.0			1.35		5.80	92.00	1799.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	1/19/98	16	2400		3.60	<1.0			1.37		5.60	98.00	1779.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	2/23/98	15	2400		3.50	<1.0			1.75		5.60	115.00	1677.0			SBBC Proj.	11880201
BCSB-100	11880201-4(B)	3/26/98	19	2600		3.40	<1.0			2.28		7.70	130.00	2457.0			SBBC Proj.	11880201
BCSB-101	11880201-6	7/14/88	0	2800		3.10	<1.0			3.03		13.90	278.60	3210.0	14		SBBC Proj.	11880201
BCSB-101	11880201-6	9/21/88	0	760		3.10	<1.0			6.00		6.92	36.20	570.0	3		SBBC Proj.	11880201
BCSB-101	11880201-6	10/10/88	0	1600		3.00	<1.0			10.70		10.90	113.20	1465.0	3		SBBC Proj.	11880201
BCSB-101	11880201-6	11/3/88		1400		3.20	<1.0			7.86		8.17	133.30	1323.0	2		SBBC Proj.	11880201
BCSB-101	11880201-6	1/9/89	0	1000		3.30	<1.0			3.79		5.55	93.80	1083.0	3		SBBC Proj.	11880201
BCSB-101	11880201-6	2/1/89	1	1200		3.20	<1.0			3.89		6.05	153.10	1175.0			SBBC Proj.	11880201
BCSB-101	11880201-6	3/7/90				3.00	<1.0			3.62		8.22	271.00	846.0	2		SBBC Proj.	11880201
BCSB-101	11880201-6	5/18/90				3.20	<1.0			19.90		9.93	220.00	1872.0	381		SBBC Proj.	11880201
BCSB-101	11880201-6	7/31/90	4	2000		3.20	<1.0			3.61		10.80	362.30	2488.0			SBBC Proj.	11880201
BCSB-101	11880201-6	8/28/90	2	2200		3.20	<1.0			3.73		11.80	265.80	2795.0			SBBC Proj.	11880201
BCSB-101	11880201-6	9/11/90	1			3.20	<1.0			3.07		14.50	336.00	2652.0	8		SBBC Proj.	11880201
BCSB-101	11880201-6	9/26/90	3	2200		3.10	<1.0			4.00		12.00	236.00	2627.0			SBBC Proj.	11880201
BCSB-101	11880201-6	10/17/90	1			3.20	<1.0			3.81		12.40	339.00	2232.0	12		SBBC Proj.	11880201
BCSB-101	11880201-6	10/25/90	3	2200		3.20	<1.0			6.14		10.10	323.50	2795.0			SBBC Proj.	11880201
BCSB-101	11880201-6	11/20/90	3	2000		3.10	<1.0			3.64		10.90	275.90	2459.0			SBBC Proj.	11880201
BCSB-101	11880201-6	12/20/90	3	1800		3.50	<1.0			2.66		9.07	226.70	2133.0			SBBC Proj.	11880201
BCSB-101	11880201-6	1/15/91	3	2400		3.10	<1.0			3.35		8.28	204.80	2775.0			SBBC Proj.	11880201
BCSB-101	11880201-6	2/7/91				3.30	<1.0			2.06		7.68	269.00	894.0	4		SBBC Proj.	11880201
BCSB-101	11880201-6	2/22/91	6	1200		3.10	<1.0			2.93		6.54	222.20	2156.0			SBBC Proj.	11880201
BCSB-101	11880201-6	3/25/91	9	1800		3.20	<1.0			2.44		5.45	192.30	2156.0			SBBC Proj.	11880201
BCSB-101	11880201-6	4/18/91	7	2200		3.00	<1.0			2.96		7.15	209.90	2184.0			SBBC Proj.	11880201
BCSB-101	11880201-6	5/14/91	4	2600		3.20	<1.0			3.56		8.32	158.50	251.0			SBBC Proj.	11880201
BCSB-101	11880201-6	6/17/91	2	2400		3.10	<1.0			6.46		11.10	253.20	2903.0			SBBC Proj.	11880201
BCSB-101	11880201-6	7/24/91	1	3400		3.10	<1.0			3.58		12.10	315.20	3058.0	10		SBBC Proj.	11880201
BCSB-101	11880201-6	8/23/91	1	2600		3.10	<1.0			2.62		8.77	253.00	2236.0			SBBC Proj.	11880201
BCSB-101	11880201-6	9/27/91	1	18		3.10	<1.0			2.53		9.72	98.60	1098.0			SBBC Proj.	11880201
BCSB-101	11880201-6	12/9/91				3.70	<1.0			2.11		4.76	43.50	588.0	2		SBBC Proj.	11880201
BCSB-101	11880201-6	12/12/91	1	2000		3.40	<1.0			2.42		11.50	88.50	1386.0	28		SBBC Proj.	11880201
BCSB-101	11880201-6	1/23/92	2	2000		3.10	<1.0			3.19		8.85	161.00	1948.0			SBBC Proj.	11880201
BCSB-101	11880201-6	2/11/92	2	2200		3.20	<1.0			3.21		9.69	146.00	1966.0	8		SBBC Proj.	11880201
BCSB-101	11880201-6	3/25/92	4	2400		3.20	<1.0			2.92		6.54	130.00	2156.0			SBBC Proj.	11880201
BCSB-101	11880201-6	4/29/92	3	2200		3.30	<1.0			2.44		7.15	130.00	2099.0	10		SBBC Proj.	11880201
BCSB-101	11880201-6	5/20/92	3	2200		3.40	<1.0			2.79		6.62	141.00	1870.0			SBBC Proj.	11880201
BCSB-101	11880201-6	6/18/92	2	2400		3.10	<1.0			2.43		7.79	165.00	2371.0	30		SBBC Proj.	11880201
BCSB-101	11880201-6	7/29/92	1	2200		3.20	<1.0			3.15		8.09	113.00	1509.0			SBBC Proj.	11880201
BCSB-101	11880201-6	8/24/92	1	2200		3.20	<1.0			2.66		8.53	112.00	2577.0			SBBC Proj.	11880201
BCSB-101	11880201-6	9/18/92				3.20	<1.0			2.93		9.64	197.00	1716.0	2		SBBC Proj.	11880201
BCSB-101	11880201-6	9/23/92	1	2000		3.20	<1.0			2.36		7.01	116.00	1735.0			SBBC Proj.	11880201
BCSB-101	11880201-6	10/21/92	1	2200		3.20	<1.0			2.84		7.24	141.00	2286.0	4		SBBC Proj.	11880201
BCSB-101	11880201-6	11/20/92	1	1800		3.10	<1.0			3.05		5.79	117.00	1568.0			SBBC Proj.	11880201

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.												
BCSB-101	11880201-6	12/18/92				3.30	<1.0			2.44		9.13	193.00	918.0	3		SBBC Proj.	11880201
BCSB-101	11880201-6	12/21/92	1	2000		2.80	<1.0			2.44		6.16	97.00	1993.0			SBBC Proj.	11880201
BCSB-101	11880201-6	1/18/93	6	2400		3.20	<1.0			3.48		6.11	184.00	3017.0			SBBC Proj.	11880201
BCSB-101	11880201-6	2/25/93	3	2200		3.20	<1.0			3.36		6.66	121.00	2272.0			SBBC Proj.	11880201
BCSB-101	11880201-6	5/21/93	6	1200		3.30	<1.0			3.17		4.25	140.00	1877.0			SBBC Proj.	11880201
BCSB-101	11880201-6	6/28/93	3	2000		3.40	<1.0			3.94		10.10	119.00	2472.0	6		SBBC Proj.	11880201
BCSB-101	11880201-6	7/29/93	2	2000		3.20	<1.0			3.88		7.30	150.00	2204.0	102		SBBC Proj.	11880201
BCSB-101	11880201-6	8/18/93	2	1400		3.20	<1.0			3.89		9.10	137.00	2182.0			SBBC Proj.	11880201
BCSB-101	11880201-6	9/30/93	1	1400		3.30	<1.0			2.34		4.10	59.00	1328.0	4		SBBC Proj.	11880201
BCSB-101	11880201-6	10/27/93	1	1600		3.30	<1.0			3.78		8.00	121.00	2252.0			SBBC Proj.	11880201
BCSB-101	11880201-6	11/15/93	1	1400		3.20	<1.0			3.04		7.30	128.00	1896.0			SBBC Proj.	11880201
BCSB-101	11880201-6	12/15/93	5	1440		3.20	<1.0			3.13		5.40	122.00	2124.0	4		SBBC Proj.	11880201
BCSB-101	11880201-6	1/26/94	2	1600		3.30	<1.0			3.24		6.10	107.00	2169.0			SBBC Proj.	11880201
BCSB-101	11880201-6	2/28/94	2	1400		3.30	<1.0			3.41		5.40	88.00	1597.0			SBBC Proj.	11880201
BCSB-101	11880201-6	3/30/94	2	1800		3.30	<1.0			3.43		6.70	144.00	2504.0	22		SBBC Proj.	11880201
BCSB-101	11880201-6	4/26/94	7	1800		3.10	<1.0			3.69		4.70	122.00	2281.0			SBBC Proj.	11880201
BCSB-101	11880201-6	5/31/94	1	1400		3.20	<1.0			4.04		5.60	112.00	2320.0			SBBC Proj.	11880201
BCSB-101	11880201-6	6/22/94	2	1600		3.10	<1.0			4.11		6.50	99.00	2235.0			SBBC Proj.	11880201
BCSB-101	11880201-6	7/27/94	1	1400		3.20	<1.0			5.00		6.50	121.00	2409.0			SBBC Proj.	11880201
BCSB-101	11880201-6	9/28/94	2	1400		3.10	<1.0			3.21		7.40	170.00	1884.0			SBBC Proj.	11880201
BCSB-101	11880201-6	9/30/94				3.30	<1.0			3.04		8.29	182.00	1366.0	3		SBBC Proj.	11880201
BCSB-101	11880201-6	10/31/94	1	2400		3.20	<1.0			2.93		5.30	96.00	1988.0			SBBC Proj.	11880201
BCSB-101	11880201-6	11/22/94	1	2000		3.50	<1.0			2.42		5.80	81.00	1306.0			SBBC Proj.	11880201
BCSB-101	11880201-6	12/27/94	3	2400		3.50	<1.0			3.02		5.47	100.00	1631.0			SBBC Proj.	11880201
BCSB-101	11880201-6	2/27/95	2	2200		3.40	<1.0			2.63		5.17	70.00	1342.0			SBBC Proj.	11880201
BCSB-101	11880201-6	3/30/95	3	2400		3.30	<1.0			2.77		5.64	81.00	1439.0			SBBC Proj.	11880201
BCSB-101	11880201-6	4/27/95	2	2200		3.30	<1.0			2.79		5.60	97.00	1480.0			SBBC Proj.	11880201
BCSB-101	11880201-6	5/31/95	2	2000		3.30	<1.0			2.77		4.73	80.00	1432.0			SBBC Proj.	11880201
BCSB-101	11880201-6	6/21/95	2	2400		3.30	<1.0			2.62		5.00	64.00	1414.0			SBBC Proj.	11880201
BCSB-101	11880201-6	7/25/95	2	2000		3.40	<1.0			2.98		5.39	72.00	1862.0			SBBC Proj.	11880201
BCSB-101	11880201-6	8/28/95	1	2400		3.30	<1.0			2.48		5.82	104.00	1872.0			SBBC Proj.	11880201
BCSB-101	11880201-6	9/20/95	0	2400		3.10	<1.0			1.56		5.53	98.00	1766.0			SBBC Proj.	11880201
BCSB-101	11880201-6	10/24/95	1	2200		3.20	<1.0			2.75		4.90	96.00	1977.0			SBBC Proj.	11880201
BCSB-101	11880201-6	11/22/95	1	2400		3.40	<1.0			2.62		5.10	85.00	1426.0			SBBC Proj.	11880201
BCSB-101	11880201-6	12/21/95	2	2000		3.10	<1.0			2.77		5.20	100.00	1781.0			SBBC Proj.	11880201
BCSB-101	11880201-6	1/29/96	1	2200		3.30	<1.0			2.56		7.50	135.00	1506.0			SBBC Proj.	11880201
BCSB-101	11880201-6	2/9/96	1	2000		3.40	<2.3			2.30		11.50	160.00	1502.0			SBBC Proj.	11880201
BCSB-101	11880201-6	3/14/96	6	2200		3.20	<2.21			2.21		8.10	162.00	1613.0			SBBC Proj.	11880201
BCSB-101	11880201-6	3/29/96				3.20	<1.0			1.49		5.84	159.00	1585.0	3		SBBC Proj.	11880201
BCSB-101	11880201-6	4/22/96	3	2200		3.20	<1.0			2.55		6.80	184.00	1562.0			SBBC Proj.	11880201
BCSB-101	11880201-6	5/20/96	2	2200		3.30	<1.0			2.26		7.60	49.00	1524.0			SBBC Proj.	11880201
BCSB-101	11880201-6	6/21/96	2	2000		3.20	<1.0			2.41		8.40	97.00	1527.0			SBBC Proj.	11880201
BCSB-101	11880201-6	7/31/96	2	2200		3.10	<1.0			2.55		7.60	117.00	1491.0			SBBC Proj.	11880201
BCSB-101	11880201-6	8/26/96	1	2000		3.20	<1.0			2.96		7.10	121.00	1854.0			SBBC Proj.	11880201
BCSB-101	11880201-6	9/30/96	10			3.20	<1.0			2.22		6.10	130.00	1499.0	26		SBBC Proj.	11880201
BCSB-101	11880201-6	10/25/96	2	2200		3.20	<1.0			2.23		5.90	91.00	1330.0			SBBC Proj.	11880201
BCSB-101	11880201-6	11/22/96	3	2000		3.30	<1.0			2.23		5.80	87.00	1370.0			SBBC Proj.	11880201
BCSB-101	11880201-6	12/18/96	5	2000		2.30	<1.0			2.32		5.80	97.00	1355.0			SBBC Proj.	11880201
BCSB-101	11880201-6	1/16/97	3	2200		3.30	<1.0			2.43		6.70	165.00	1496.0			SBBC Proj.	11880201

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-101	11880201-6	2/24/97	2	2000		3.30	<1.0			2.76		7.90	75.00	1158.0			SBBC Proj.	11880201
BCSB-101	11880201-6	3/12/97	5	2000		3.20	<1.0			2.75		5.40	88.00	1335.0			SBBC Proj.	11880201
BCSB-101	11880201-6	3/31/97	3	2200		3.30	<1.0			2.14		5.60	92.00	1400.0	3		SBBC Proj.	11880201
BCSB-101	11880201-6	4/16/97	2	2200		3.30	<1.0			2.30		9.70	110.00	1486.0			SBBC Proj.	11880201
BCSB-101	11880201-6	5/28/97	2	2000		3.30	<1.0			2.27		9.10	104.00	1437.0	2		SBBC Proj.	11880201
BCSB-101	11880201-6	6/16/97	1	2000		3.00	<1.0			2.14		8.30	131.00	1343.0			SBBC Proj.	11880201
BCSB-101	11880201-6	7/25/97	1	1800		3.40	<1.0			1.59		6.20	79.00	949.0			SBBC Proj.	11880201
BCSB-101	11880201-6	8/22/97	0	2000		3.30	<1.0			2.63		5.00	74.00	1288.0	6		SBBC Proj.	11880201
BCSB-101	11880201-6	9/25/97	0	1600		3.20	<1.0			2.00		4.60	52.00	868.0			SBBC Proj.	11880201
BCSB-101	11880201-6	10/29/97	0	2400		3.40	<1.0			11.50		8.10	76.00	1735.0			SBBC Proj.	11880201
BCSB-101	11880201-6	12/18/97	0	1200		3.30	<1.0			3.54		6.60	102.00	1352.0			SBBC Proj.	11880201
BCSB-105	11920110-4	5/28/92	850	610		3.20	0.0			1.26		1.48		329.0	3		SBBC Proj.	11920110
BCSB-105	11920110-4	6/23/92	300	390		4.30	2.0			0.18		0.95		321.0	2		SBBC Proj.	11920110
BCSB-105	11920110-4	7/29/92	660	550		3.40	0.0			0.93		1.70		344.0	3		SBBC Proj.	11920110
BCSB-105	11920110-4	8/19/92	340	640		3.30	0.0			1.07		1.59		344.0	2		SBBC Proj.	11920110
BCSB-105	11920110-4	9/16/92	187	660		3.40	0.0			1.17		1.78		352.0	2		SBBC Proj.	11920110
BCSB-105	11920110-4	10/23/92	250	670		3.60	0.0			1.10		2.11		393.0	3		SBBC Proj.	11920110
BCSB-105	11920110-4	12/8/92	650	350		3.79	0.0			0.30		0.95		132.0	0		SBBC Proj.	11920110
BCSB-105	11920110-4	3/29/93		169		4.30	4.0			0.28		0.37		50.0	8		SBBC Proj.	11920110
BCSB-105	11920110-4	6/17/93				3.70	0.0			0.76		0.98	5.41	133.0	6		SBBC Proj.	11920110
BCSB-105	11920110-4	6/25/93		383		4.60	10.0			0.46		0.84		247.0	1		SBBC Proj.	11920110
BCSB-105	11920110-4	9/30/93		302		3.71	0.0			1.15		0.75		302.0	25		SBBC Proj.	11920110
BCSB-105	11920110-4	10/25/93				3.60	0.0			1.03		1.59	6.51	122.0	10		SBBC Proj.	11920110
BCSB-105	11920110-4	12/7/93	400	230		4.13	0.0			0.56		0.38		69.0	1		SBBC Proj.	11920110
BCSB-105	11920110-4	3/28/94		197		4.50	8.0			0.35		0.49		51.0	11		SBBC Proj.	11920110
BCSB-105	11920110-4	6/30/94		350		4.40	4.0			0.31		0.99		236.0	1		SBBC Proj.	11920110
BCSB-105	11920110-4	7/21/94				3.50	0.0			0.75		1.59	7.99	104.0	<3		SBBC Proj.	11920110
BCSB-105	11920110-4	9/29/94		253		4.30	4.0			0.59		1.08		134.0	0		SBBC Proj.	11920110
BCSB-105	11920110-4	12/13/94		213		4.13	0.0			0.92		0.50		80.0	1		SBBC Proj.	11920110
BCSB-105	11920110-4	3/6/95				4.10	4.0			0.34		0.61	2.70	87.0	18		SBBC Proj.	11920110
BCSB-105	11920110-4	3/31/95		310		4.08	0.0			0.32		0.74		129.0	10		SBBC Proj.	11920110
BCSB-105	11920110-4	6/30/95		375		3.69	0.0			0.70		1.02		111.0	2		SBBC Proj.	11920110
BCSB-105	11920110-4	9/6/95				3.50	0.0			0.86		1.57	8.65	210.0	<3		SBBC Proj.	11920110
BCSB-105	11920110-4	12/1/95				3.80	0.0			0.69		1.08	4.18	128.0	<3		SBBC Proj.	11920110
BCSB-105	11920110-4	3/12/96				3.60	0.0			0.80		1.01	5.04	135.0	<3		SBBC Proj.	11920110
BCSB-105	11920110-4	7/24/96				4.20	5.0			0.65		0.96	4.23	117.0	<3		SBBC Proj.	11920110
BCSB-105	11920110-4	7/9/97				4.50	6.0			12.60		16.30	<0.50	132.0	<3		SBBC Proj.	11920110
BCSB-107	11920110-92-12	10/25/88	22	82		4.43	0.0			0.15		0.58		30.0	3		SBBC Proj.	11920110
BCSB-107	11920110-92-12	11/16/88	10	72		3.70	0.0			0.38		0.40		27.0	6		SBBC Proj.	11920110
BCSB-107	11920110-92-12	5/28/92	4	75		5.30	7.0			0.01		0.16		21.0	1		SBBC Proj.	11920110
BCSB-107	11920110-92-12	6/23/92	1	75		4.60	4.0			0.01		0.25		27.0	1		SBBC Proj.	11920110
BCSB-107	11920110-92-12	7/29/92	4	66		4.60	0.0			0.04		0.42		25.0	2		SBBC Proj.	11920110
BCSB-107	11920110-92-12	8/19/92	2	80		4.40	4.0			0.01		0.34		26.0	10		SBBC Proj.	11920110
BCSB-107	11920110-92-12	9/16/92	1	69		4.70	6.0			0.01		0.26		21.0	3		SBBC Proj.	11920110
BCSB-107	11920110-92-12	10/23/92	2	112		7.40	32.0			0.03		0.26		30.0	3		SBBC Proj.	11920110
BCSB-107	11920110-92-12	12/8/92	6	89		4.06	2.0			0.04		0.32		23.0	0		SBBC Proj.	11920110
BCSB-107	11920110-92-12	3/29/93	330	74		4.52	2.0			0.22		0.32		14.0	6		SBBC Proj.	11920110
BCSB-107	11920110-92-12	6/25/93	4	69		5.00	8.0			0.04		0.34		21.0	0		SBBC Proj.	11920110
BCSB-107	11920110-92-12	9/30/93	6	74		4.58	2.0			0.05		0.31		19.0	1		SBBC Proj.	11920110

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-107	11920110-92-12	12/7/93	23	80		4.55	2.0			3.48		0.38		17.0	91		SBBC Proj.	11920110
BCSB-107	11920110-92-12	3/18/94				4.70	7.0			<0.3		0.28	0.55	<20.0	<3		SBBC Proj.	11920110
BCSB-107	11920110-92-12	3/28/94	330	68		4.70	6.0			0.01		0.47		31.0	2		SBBC Proj.	11920110
BCSB-107	11920110-92-12	5/6/94				4.60	6.0			<0.3		0.33	0.66	26.0			SBBC Proj.	11920110
BCSB-107	11920110-92-12	6/30/94	2	63		4.70	6.0			0.08		0.59		24.0	2		SBBC Proj.	11920110
BCSB-107	11920110-92-12	8/10/94				5.20	8.0			<0.3		0.34	<0.50	<20.0	4		SBBC Proj.	11920110
BCSB-107	11920110-92-12	9/29/94		44		4.70	6.0			0.03		0.41		18.0	0		SBBC Proj.	11920110
BCSB-107	11920110-92-12	12/13/94	6	67		4.59	0.0			0.14		0.30		19.0	0		SBBC Proj.	11920110
BCSB-107	11920110-92-12	3/31/95	2	75		4.63	2.0			0.28		0.24		21.0	3		SBBC Proj.	11920110
BCSB-107	11920110-92-12	4/4/95				4.70	8.0			<0.3		0.31	0.70	25.0	<3		SBBC Proj.	11920110
BCSB-107	11920110-92-12	6/30/95	1	72		4.60	2.0			0.30		0.40		16.0	2		SBBC Proj.	11920110
BCSB-107	11920110-92-12	3/12/96				4.60	6.0			<0.3		0.27	0.53	34.0	<3		SBBC Proj.	11920110
BCSB-107	11920110-92-12	7/24/96				4.80	7.0			<0.3		0.28	<0.50	<20.0	<3		SBBC Proj.	11920110
BCSB-107	11920110-92-12	7/9/97				4.90	6.0			9.28		34.80	0.71	<20.0	<3		SBBC Proj.	11920110
BCSB-108	11960108-1	9/30/88	3	1020		2.59	<1.0			10.52		4.16		441.0	17		SBBC Proj.	11960108
BCSB-108	11960108-1	10/25/88	4	565		3.23	<1.0			9.16		3.12		280.0	3		SBBC Proj.	11960108
BCSB-108	11960108-1	5/28/92	4	1025		3.50	<1.0			6.65		2.80		438.0	1		SBBC Proj.	11960108
BCSB-108	11960108-1	6/23/92	4	1050		2.90	<1.0			9.13		3.86		629.0	1		SBBC Proj.	11960108
BCSB-108	11960108-1	7/29/92	4	1050		2.90	<1.0			12.70		4.41		582.0	5		SBBC Proj.	11960108
BCSB-108	11960108-1	8/19/92	4	1150		2.80	<1.0			8.61		3.00		500.0	2		SBBC Proj.	11960108
BCSB-108	11960108-1	9/16/92	4	1200		2.90	<1.0			10.70		3.89		582.0	1		SBBC Proj.	11960108
BCSB-108	11960108-1	10/23/92	4	1220		3.01	<1.0			16.90		4.71		539.0	2		SBBC Proj.	11960108
BCSB-108	11960108-1	12/8/92	4	1020		2.71	<1.0			10.65		2.70		429.0	3		SBBC Proj.	11960108
BCSB-108	11960108-1	3/19/93	165	929		2.90	<1.0			8.99		1.65	12.82	290.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	3/29/93	221	651		3.08	<1.0			4.20		1.28	5.68	173.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	4/15/93	0	788		3.03	<1.0			5.05		1.53	9.21	232.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	4/26/93	8	686		3.04	<1.0			3.77		1.28	6.82	205.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	5/5/93	5	680		3.01	<1.0			3.41		1.33	7.29	204.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	5/17/93	7	805		2.96	<1.0			5.30		1.62	9.39	221.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	6/1/93	1	837		3.04	<1.0			5.54		1.79	11.74	246.0	2		SBBC Proj.	11960108
BCSB-108	11960108-1	6/17/93	1	771		3.10	<1.0			4.82		1.52	9.24	240.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	6/25/93	4	902		3.10	<1.0			3.98		2.02		367.0	0		SBBC Proj.	11960108
BCSB-108	11960108-1	7/23/93	1	901		2.96	<1.0			6.30		2.15	15.08	324.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	8/6/93	0	937		2.97	<1.0			8.77		2.21	15.90	316.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	8/24/93	7	941		2.92	<1.0			6.77		2.92	14.63	318.0	2		SBBC Proj.	11960108
BCSB-108	11960108-1	9/24/93	3	870		2.99	<1.0			8.43		3.31	13.72	309.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	9/30/93	3	940		2.85	<1.0			8.14		2.22		380.0	1		SBBC Proj.	11960108
BCSB-108	11960108-1	10/13/93	0	946		3.09	<1.0			8.59		2.21	15.04	331.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	10/25/93	0	1001		2.91	<1.0			11.20		2.49	15.92	386.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	11/10/93	0	991		2.96	<1.0			10.72		2.22	16.66	363.0	4		SBBC Proj.	11960108
BCSB-108	11960108-1	11/23/93	2	875		2.94	<1.0			7.54		1.84	10.50	329.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	12/7/93	3	700		2.99	<1.0			3.26		1.40		213.0	1		SBBC Proj.	11960108
BCSB-108	11960108-1	12/13/93	7	703		3.00	<1.0			4.69		1.53	7.40	246.0	2		SBBC Proj.	11960108
BCSB-108	11960108-1	12/28/93	1	819		3.04	<1.0			5.64		1.78	12.56	307.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	1/5/94	0	989		2.87	<1.0			8.30		1.99	13.94	344.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	1/20/94	0	989		2.93	<1.0			8.48		2.00	13.72	301.0	<2		SBBC Proj.	11960108
BCSB-108	11960108-1	3/18/94				4.20	<1.0			1.71		0.38	2.29	116.0	<3		SBBC Proj.	11960108
BCSB-108	11960108-1	3/28/94	4	744		3.20	<1.0			4.48		1.95		300.0	40		SBBC Proj.	11960108
BCSB-108	11960108-1	6/30/94	4	965		3.00	<1.0			4.47		2.77		438.0	0		SBBC Proj.	11960108



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-108	11960108-1	7/21/94				3.10	<1.0			6.75		3.73	13.60	143.0	8		SBBC Proj.	11960108
BCSB-108	11960108-1	9/29/94	3	1090		3.00	<1.0			5.94		3.46		374.0	1		SBBC Proj.	11960108
BCSB-108	11960108-1	12/13/94	3	60		3.02	<1.0			4.50		2.16		256.0	1		SBBC Proj.	11960108
BCSB-108	11960108-1	3/6/95				3.10	<1.0			3.16		2.02	9.27	230.0	14		SBBC Proj.	11960108
BCSB-108	11960108-1	3/31/95	13	770		2.91	<1.0			4.38		2.70		380.0	1		SBBC Proj.	11960108
BCSB-108	11960108-1	6/30/95	5	900		2.72	<1.0			5.05		3.45		274.0	0		SBBC Proj.	11960108
BCSB-108	11960108-1	9/6/95				3.00	<1.0			8.69		4.23	15.30	333.0	10		SBBC Proj.	11960108
BCSB-108	11960108-1	12/1/95				3.10	<1.0			3.70		2.50	11.70	304.0	<3		SBBC Proj.	11960108
BCSB-108	11960108-1	3/12/96				3.10	<1.0			2.02		1.74	8.36	209.0	<3		SBBC Proj.	11960108
BCSB-108	11960108-1	7/24/96				3.10	<1.0			2.98		2.09	10.20	234.0	<3		SBBC Proj.	11960108
BCSB-108	11960108-1	9/23/96	50	1010		3.20	<1.0			3.83		3.46	10.02	372.0	1		SBBC Proj.	11960108
BCSB-108	MP1	6/26/97		0		3.10	0.0	152.0		4.63		3.11	11.80	265.0			Laurel Land Dev. Inc.	11960108
BCSB-108	11960108-1	6/27/97	12	907		3.00	<1.0			3.60		2.78	11.80	345.0	0		SBBC Proj.	11960108
BCSB-108	11960108-1	7/9/97				2.90	<1.0			3.74		6.50	<0.50	318.0	<3		SBBC Proj.	11960108
BCSB-108	MP1	9/24/97	5	0		3.10	0.0	160.0		7.62		4.70	15.20	301.0			Laurel Land Dev. Inc.	11960108
BCSB-108	11960108-1	9/24/97	5	990		3.10	<1.0			7.62		4.70	15.20	301.0	12		SBBC Proj.	11960108
BCSB-108	MP1	12/17/97	72	0		3.10	0.0	148.0		5.29		3.09	11.30	247.0			Laurel Land Dev. Inc.	11960108
BCSB-108	11960108-1	12/17/97		926		3.10	<1.0			5.29		2.97	11.30	247.0	<3		SBBC Proj.	11960108
BCSB-108	MP1	3/16/98	90	0		3.20	0.0	112.0		2.86		2.48	7.97	116.0			Laurel Land Dev. Inc.	11960108
BCSB-108	11960108-1	3/16/98	90	800		3.20	<1.0			2.86		2.48	7.97	116.0	<3		SBBC Proj.	11960108
BCSB-108	MP1	6/25/98	34	0		3.00	0.0	160.0		5.63		3.33	13.50	286.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	8/21/98	5	0		3.10	0.0	152.0		7.59		4.33	13.20	284.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	8/20/99	2	0		3.10	0.0	182.0		16.80		4.65	16.10	300.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	9/16/99															Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	12/6/99	30	0		3.00	0.0	240.0		8.94		4.15	19.70	373.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	3/7/00		0		3.00	0.0	172.0		7.09		2.95	14.00	274.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	6/13/00		0		3.00	0.0	162.0		5.01		3.08	13.90	315.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	6/14/00		0		3.10	0.0	152.0		4.78		2.88	12.10	382.8			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	9/28/00	14	0		2.90	0.0	224.0		10.90		4.31	23.00	377.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	12/14/00	28	0		2.90	0.0	226.0		10.20		3.26		295.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	3/20/01		0		3.00	0.0	152.0		5.60		2.82		244.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	3/21/01		0		3.10	0.0	148.0		4.74		2.83	12.90	294.7			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	6/14/01	30	0		2.80	0.0	186.0						317.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	9/18/01	3	0		3.10	0.0	205.4						225.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	12/27/01	55	0		3.00	0.0	203.4						446.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	3/23/02		0		2.90	0.0	180.4						286.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	6/11/02		0		3.00	0.0	161.0		6.25		3.46		346.0			Laurel Land Dev. Inc.	11960108
BCSB-108	MP1	9/24/02		0		3.10	0.0	205.2						358.2			Laurel Land Dev. Inc.	11960108
BCSB-109	11960108-1A	3/19/93	2	955		2.98	<1.0			11.42		2.32	14.63	307.0	<2		SBBC Proj.	11960108
BCSB-109	11960108-1A	3/29/93	3	671		3.39	<1.0			3.42		1.56	9.14	193.0	<2		SBBC Proj.	11960108
BCSB-109	11960108-1A	4/15/93	1	835		3.01	<1.0			5.52		1.95	11.36	264.0	<2		SBBC Proj.	11960108
BCSB-109	11960108-1A	4/26/93	17	659		3.04	<1.0			3.04		1.44	6.82	187.0	<2		SBBC Proj.	11960108
BCSB-109	11960108-1A	5/5/93	1	769		2.97	<1.0			3.48		1.66	8.45	22.0	2		SBBC Proj.	11960108
BCSB-109	11960108-1A	5/17/93	1	802		2.97	<1.0			4.19		1.88	9.81	240.0	<2		SBBC Proj.	11960108
BCSB-109	11960108-1A	6/1/93	1	827		3.04	<1.0			3.61		1.91	11.21	224.0	30		SBBC Proj.	11960108
BCSB-109	11960108-1A	6/17/93	1	733		3.14	<1.0			5.59		1.74	9.94	242.0	60		SBBC Proj.	11960108
BCSB-109	11960108-1A	8/6/93		947		2.99	<1.0			4.59		2.57	16.50	344.0	<2		SBBC Proj.	11960108
BCSB-109	11960108-1A	8/24/93		990		2.88	<1.0			8.70		2.62	17.43	367.0	12		SBBC Proj.	11960108
BCSB-109	11960108-1A	9/24/93	3	1038		2.93	<1.0			5.85		2.71	17.62	365.0	<2		SBBC Proj.	11960108

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-109	11960108-1A	10/13/93	0	1047		3.27	<1.0			15.04		3.26	17.84	395.0	<2		SBBC Proj.	11960108
BCSB-109	11960108-1A	10/25/93	0	975		2.98	<1.0			11.76		3.01	17.47	386.0	<2		SBBC Proj.	11960108
BCSB-109	11960108-1A	11/10/93	0	1019		3.00	<1.0			10.14		3.06	20.00	393.0	<2		SBBC Proj.	11960108
BCSB-109	11960108-1A	11/23/93	1	993		2.93	<1.0			10.19		3.07	15.37	339.0	14		SBBC Proj.	11960108
BCSB-109	11960108-1A	12/13/93	15	821		2.96	<1.0			6.51		2.25	10.29	284.0	2		SBBC Proj.	11960108
BCSB-109	11960108-1A	12/28/93		848		3.06	<1.0			5.92		2.26	16.28	314.0	<2		SBBC Proj.	11960108
BCSB-109	11960108-1A	1/5/94		891		3.00	<1.0			5.53		2.06	12.05	310.0	2		SBBC Proj.	11960108
BCSB-109	11960108-1A	1/20/94		891		3.00	<1.0			5.53		2.05	12.64	290.0	4		SBBC Proj.	11960108
BCSB-109	11960108-1A	5/1/96	1	958		3.10	<1.0			2.92		2.72	12.17	298.0	2		SBBC Proj.	11960108
BCSB-109	MP1A	4/2/97		0		3.10	0.0	128.0		2.87		2.73	9.33	341.0			Laurel Land Dev. Inc.	11960108
BCSB-109	11960108-1A	4/2/97				3.10	<1.0			2.87		2.73	9.33	341.0	<3		SBBC Proj.	11960108
BCSB-109	11960108-1A	6/27/97	0														SBBC Proj.	11960108
BCSB-109	MP1A	9/8/00															Laurel Land Dev. Inc.	11960108
BCSB-110	11960108-1B	3/19/93	6	863		3.02	<1.0			5.34		1.82	13.21	307.0	<2		SBBC Proj.	11960108
BCSB-110	11960108-1B	3/29/93	45	703		3.35	<1.0			2.46		1.31	7.62	193.0	<2		SBBC Proj.	11960108
BCSB-110	11960108-1B	4/15/93	0	781		3.06	<1.0			5.10		1.81	10.42	264.0	<2		SBBC Proj.	11960108
BCSB-110	11960108-1B	4/26/93	4	691		3.07	<1.0			2.66		1.38	8.31	187.0	<2		SBBC Proj.	11960108
BCSB-110	11960108-1B	5/5/93	1	723		3.04	<1.0			4.13		1.61	8.81	222.0	2		SBBC Proj.	11960108
BCSB-110	11960108-1B	5/17/93	1	741		3.04	<1.0			5.33		1.72	9.92	240.0	<2		SBBC Proj.	11960108
BCSB-110	11960108-1B	6/1/93	0														SBBC Proj.	11960108
BCSB-110	11960108-1B	6/17/93	16	850		3.06	<1.0			4.01		2.12	12.41	242.0	60		SBBC Proj.	11960108
BCSB-110	11960108-1B	7/23/93	0														SBBC Proj.	11960108
BCSB-110	11960108-1B	8/6/93	0														SBBC Proj.	11960108
BCSB-110	11960108-1B	8/24/93	0	1027		2.89	<1.0			13.22		2.37	16.78	367.0	12		SBBC Proj.	11960108
BCSB-110	11960108-1B	9/24/93	0														SBBC Proj.	11960108
BCSB-110	11960108-1B	10/13/93	0	857		3.27	<1.0			9.02		2.41	15.40	395.0	<2		SBBC Proj.	11960108
BCSB-110	11960108-1B	10/25/93	0														SBBC Proj.	11960108
BCSB-110	11960108-1B	11/10/93	0	877		3.10	<1.0			7.21		2.46	15.94	393.0	<2		SBBC Proj.	11960108
BCSB-110	11960108-1B	11/23/93	0	845		3.02	<1.0			5.28		2.33	13.66	339.0	14		SBBC Proj.	11960108
BCSB-110	11960108-1B	12/13/93	5	729		3.02	<1.0			2.48		1.64	8.56	284.0	2		SBBC Proj.	11960108
BCSB-110	11960108-1B	12/28/93	0														SBBC Proj.	11960108
BCSB-110	11960108-1B	1/5/94															SBBC Proj.	11960108
BCSB-110	11960108-1B	1/20/94															SBBC Proj.	11960108
BCSB-110	11960108-1B	5/1/96	1	880		3.10	<1.0			3.38		2.43	12.04	298.0	2		SBBC Proj.	11960108
BCSB-110	MP1B	4/2/97		0		3.30	0.0	84.0		1.14		1.77	7.59	269.9			Laurel Land Dev. Inc.	11960108
BCSB-110	11960108-1B	4/2/97				3.30	<1.0			1.14		1.77	7.59	341.0	<3		SBBC Proj.	11960108
BCSB-110	11960108-1B	6/27/97	0														SBBC Proj.	11960108
BCSB-110	MP1B	9/8/00															Laurel Land Dev. Inc.	11960108
BCSB-110	MP1B	11/6/00															Laurel Land Dev. Inc.	11960108
BCSB-111	11960108-3	9/30/88	1	640		2.64	<1.0			1.58		1.66		242.0	10		SBBC Proj.	11960108
BCSB-111	11960108-3	10/25/88	2	598		3.12	<1.0			1.32		1.72		242.0	8		SBBC Proj.	11960108
BCSB-111	11960108-3	1/23/89	3	652		2.89	<1.0			1.68		1.74		225.0	10		SBBC Proj.	11960108
BCSB-111	11960108-3	2/9/89	2	606		2.69	<1.0			20.50		2.00		239.0	454		SBBC Proj.	11960108
BCSB-111	11960108-3	3/31/89	2	600		2.90	<1.0			1.45		1.60		186.0	1		SBBC Proj.	11960108
BCSB-111	11960108-3	4/20/89	1	680		2.70	<1.0			2.32		1.70		258.0	36		SBBC Proj.	11960108
BCSB-111	11960108-3	12/27/89	1	497		2.80	<1.0			1.52		1.50		189.0	68		SBBC Proj.	11960108
BCSB-111	11960108-3	6/26/90	1	600		2.66	<1.0			7.66		1.40		165.0	158		SBBC Proj.	11960108
BCSB-111	11960108-3	12/19/90	2	540		2.85	<1.0			1.30		1.30		209.0	3		SBBC Proj.	11960108
BCSB-111	11960108-3	3/26/91	1	460		3.21	<1.0			1.80		0.95		162.0	13		SBBC Proj.	11960108

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-111	11960108-3	9/24/91	1	540		3.11	<1.0			7.04		3.30		248.0	23		SBBC Proj.	11960108
BCSB-111	11960108-3	12/3/91	2	690		2.68	<1.0			2.36		1.84		229.0	6		SBBC Proj.	11960108
BCSB-111	11960108-3	3/31/92	2	352		3.84	<1.0			3.38		1.42		111.0			SBBC Proj.	11960108
BCSB-111	11960108-3	12/8/92	1	580		3.05	<1.0			2.40		1.55		220.0	1		SBBC Proj.	11960108
BCSB-111	11960108-3	3/19/93	24	680		3.13	<1.0			0.61		1.13	6.71	205.0	<2		SBBC Proj.	11960108
BCSB-111	11960108-3	3/29/93	302	462		3.59	<1.0			0.33		0.71	2.64	136.0	16		SBBC Proj.	11960108
BCSB-111	11960108-3	4/15/93	29	513		3.33	<1.0			0.31		0.84	3.78	132.0	<2		SBBC Proj.	11960108
BCSB-111	11960108-3	4/26/93	23	451		3.33	<1.0			0.22		0.64	2.82	137.0	<2		SBBC Proj.	11960108
BCSB-111	11960108-3	5/5/93	8	463		3.32	<1.0			0.21		0.67	2.84	139.0	2		SBBC Proj.	11960108
BCSB-111	11960108-3	5/17/93	4	505		3.32	<1.0			0.27		0.92	3.99	143.0	<2		SBBC Proj.	11960108
BCSB-111	11960108-3	6/1/93	1	489		3.39	<1.0			0.35		0.84	4.02	148.0	8		SBBC Proj.	11960108
BCSB-111	11960108-3	6/17/93	3	513		3.39	<1.0			0.30		0.79	3.71	161.0	4		SBBC Proj.	11960108
BCSB-111	11960108-3	9/30/93	1	500		3.12	<1.0			1.34		1.08		167.0	1		SBBC Proj.	11960108
BCSB-111	11960108-3	10/13/93	0	630		3.44	<1.0			0.46		1.26	7.07	233.0	<2		SBBC Proj.	11960108
BCSB-111	11960108-3	11/10/93	0	706		3.28	<1.0			0.56		1.62	9.16	271.0	<2		SBBC Proj.	11960108
BCSB-111	11960108-3	11/23/93	2	636		3.20	<1.0			0.57		1.12	6.33	271.0	<2		SBBC Proj.	11960108
BCSB-111	11960108-3	12/13/93	15	517		3.27	<1.0			0.31		0.82	3.22	173.0	<2		SBBC Proj.	11960108
BCSB-111	11960108-3	12/28/93	0	545		3.35	<1.0			0.31		1.01	5.93	208.0	<2		SBBC Proj.	11960108
BCSB-111	11960108-3	6/8/94				3.00	<1.0			4.19		2.60	13.00	230.0			SBBC Proj.	11960108
BCSB-111	11960108-3	3/6/95				3.30	<1.0			<0.3		1.80	6.35	245.0	14		SBBC Proj.	11960108
BCSB-111	11960108-3	9/6/95				3.40	<1.0			1.47		2.41	12.30	290.0	<3		SBBC Proj.	11960108
BCSB-111	11960108-3	4/2/96				3.20	<1.0			2.47		2.42	11.50	294.0	<3		SBBC Proj.	11960108
BCSB-111	11960108-3	5/1/96	12	744		3.30	<1.0			0.28		2.15	6.74	236.0	2		SBBC Proj.	11960108
BCSB-111	11960108-3	3/4/97				3.40	<1.0			<0.3		1.90	4.29	190.0	<3		SBBC Proj.	11960108
BCSB-111	MP3	4/2/97		0		3.40	0.0	64.0		<0.3		2.09	4.87	286.3			Laurel Land Dev. Inc.	11960108
BCSB-111	11960108-3	4/2/97				3.40	<1.0			<0.3		2.09	4.87	286.0	<3		SBBC Proj.	11960108
BCSB-111	MP3	9/8/00	3	0		3.10	0.0	184.0		2.38		2.60	19.70	397.1			Laurel Land Dev. Inc.	11960108
BCSB-111	MP3	11/6/00															Laurel Land Dev. Inc.	11960108
BCSB-112	11960108-21	3/13/93	100	1254		2.69	<1.0			27.60		1.31		355.0	<2		SBBC Proj.	11960108
BCSB-112	11960108-21	4/15/93	75	1279		2.67	<1.0			27.64		1.69		395.0	<2		SBBC Proj.	11960108
BCSB-112	11960108-21	10/13/93	0	1500		2.81	<1.0			28.72		1.59	29.06	517.0	<2		SBBC Proj.	11960108
BCSB-112	11960108-21	10/25/93	0	1541		2.67	<1.0			32.84		1.65	28.06	536.0	<2		SBBC Proj.	11960108
BCSB-112	11960108-21	11/10/93	0	1416		2.72	<1.0			27.88		1.43	21.43	451.0	<2		SBBC Proj.	11960108
BCSB-112	11960108-21	11/26/93	18	1159		2.71	<1.0			25.52		1.29	15.75	341.0	<2		SBBC Proj.	11960108
BCSB-112	11960108-21	12/3/93	30	1143		2.75	<1.0			25.36		1.25	16.17	335.0	2		SBBC Proj.	11960108
BCSB-112	11960108-21	12/28/93	18	1129		2.84	<1.0			10.60		1.51	16.68	388.0	4		SBBC Proj.	11960108
BCSB-112	11960108-21	1/5/94	12	1243		2.77	<1.0			21.96		1.32	16.78	384.0	<2		SBBC Proj.	11960108
BCSB-112	11960108-21	1/20/94	14	1243		2.77	<1.0			21.96		1.33	17.76	384.0	<2		SBBC Proj.	11960108
BCSB-112	11960108-21	2/2/94	40	1473		2.81	<1.0			26.43		1.24	18.04	392.0	2		SBBC Proj.	11960108
BCSB-112	11960108-21	3/28/94	28	1340		2.73	<1.0			23.61		1.33	17.91	374.0	2		SBBC Proj.	11960108
BCSB-112	11960108-21	9/23/96	19	1260		1.70	<1.0			13.11		1.76	14.27	354.0	1		SBBC Proj.	11960108
BCSB-112	MP21	4/2/97		0		2.80	0.0	186.0		9.01		1.12	11.50	261.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	6/26/97		0		2.90	0.0	200.0		10.80		1.33	14.10	178.0			Laurel Land Dev. Inc.	11960108
BCSB-112	11960108-21	6/27/97	20	917		2.90	<1.0			10.80		1.33	14.10	178.0			SBBC Proj.	11960108
BCSB-112	11960108-21	7/16/97	2	907		2.80	<1.0			8.45		1.18	14.79	285.0	0		SBBC Proj.	11960108
BCSB-112	MP21	9/24/97	1	0		2.80	0.0	254.0		17.70		1.34	19.80	170.0			Laurel Land Dev. Inc.	11960108
BCSB-112	11960108-21	9/24/97	1	1140		2.80	<1.0			17.70		1.34	19.80	170.0	6		SBBC Proj.	11960108
BCSB-112	MP21	12/17/97	20	0		3.00	0.0	180.0		11.00		1.32	13.10	137.0			Laurel Land Dev. Inc.	11960108
BCSB-112	11960108-21	12/17/97		903		3.00	<1.0			11.00		1.32	13.10	137.0	<2		SBBC Proj.	11960108

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-112	MP21	3/16/98	48	0		3.00	0.0	184.0		9.93		1.22	13.30	154.0			Laurel Land Dev. Inc.	11960108
BCSB-112	11960108-21	3/16/98	48	865		3.00	<1.0			9.93		1.22	13.30	154.0	<2		SBBC Proj.	11960108
BCSB-112	MP21	6/25/98	12	0		2.90	0.0	188.0		9.42		1.11	13.40	225.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	8/21/98	5	0		2.80	0.0	284.0		16.90		1.36	19.60	283.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	9/16/99															Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	12/6/99	0	0		2.60	0.0	764.0		106.00		1.98	43.50	524.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	3/7/00	20	0		2.70	0.0	298.0		36.40		1.29	17.00	273.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	6/13/00	10	0		2.80	0.0	362.0		37.90		1.84	26.40	148.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	9/8/00															Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	9/18/00															Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	9/28/00		0		2.60	0.0	420.0		43.30		1.72	34.00	226.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	12/14/00	4	0		2.80	0.0	322.0		34.10		1.22		198.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	3/20/01		0		2.80	0.0	282.0		26.20		1.80		160.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	6/14/01	6	0		2.60	0.0	338.0						441.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	12/27/01	3	0		2.60	0.0	429.0						452.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	3/23/02		0		2.70	0.0	309.6						341.0			Laurel Land Dev. Inc.	11960108
BCSB-112	MP21	6/11/02	30	0		2.70	0.0	389.6		38.20		2.65		503.0			Laurel Land Dev. Inc.	11960108
BCSB-112	CPR-2	7/24/02	2			2.70	0.0		445.6	38.20		1.95	32.70	457.0	<3		Coalpit Run Proj.	
BCSB-112	CPR-2	8/14/02	1			2.60	0.0		504.2	40.70		19.90	36.70	287.8	<3		Coalpit Run Proj.	
BCSB-112	CPR-2	11/25/02	12			2.70	0.0		379.0	30.50		1.55	24.60	350.3	6		Coalpit Run Proj.	
BCSB-112	CPR-2	12/17/02	8			2.60	0.0		364.2	31.70		1.49	24.50	384.0	<3		Coalpit Run Proj.	
BCSB-112	CPR-2	1/14/03	28			2.70	0.0		310.4	25.30		2.14	21.20	532.3	<3		Coalpit Run Proj.	
BCSB-113	11960108-12	3/19/93	612	80		4.54	<1.0			<0.04		0.28		21.0	<2		SBBC Proj.	11960108
BCSB-113	11960108-12	4/15/93	312	76		4.37	<1.0			0.10		0.30		18.0	<2		SBBC Proj.	11960108
BCSB-113	11960108-12	5/17/93	78	68		4.45	<1.0			0.16		0.32		15.0	2		SBBC Proj.	11960108
BCSB-113	11960108-12	6/1/93	168	70		4.78	<1.0			0.12		0.30		16.0	4		SBBC Proj.	11960108
BCSB-113	11960108-12	8/24/93	1	59		4.50	<1.0			0.08		0.25		13.0	2		SBBC Proj.	11960108
BCSB-113	11960108-12	4/2/96				4.80	7.0			<0.3		0.24	0.67	<20.0	<3		SBBC Proj.	11960108
BCSB-113	11960108-12	5/8/96	104	72		4.90	10.0			0.04		0.28	0.36	18.0	0		SBBC Proj.	11960108
BCSB-113	11960108-12	6/10/96	1	70		4.60	6.0			0.04		0.31	0.40	16.0	1		SBBC Proj.	11960108
BCSB-113	MP12	4/2/97		0		4.80	7.0	10.0		<0.3		0.24	0.67	<20.0			Laurel Land Dev. Inc.	11960108
BCSB-115	11960108-61A	11/26/93	450	449		3.51	<1.0			0.57		1.00	5.72	150.0	2		SBBC Proj.	11960108
BCSB-115	11960108-61A	1/25/94	620	367		3.71	<1.0			0.41		0.92		137.0	<2		SBBC Proj.	11960108
BCSB-115	11960108-61A	2/2/94		410		3.69	<1.0			0.60		1.03		121.0	<2		SBBC Proj.	11960108
BCSB-115	11960108-61A	3/28/94		396		3.85	<1.0			0.37		0.85		128.0	4		SBBC Proj.	11960108
BCSB-115	11960108-61A	5/1/96		212		4.90	8.0			0.10		0.41	1.28	63.0	3		SBBC Proj.	11960108
BCSB-115	11960108-61A	4/2/97				4.70	8.0			<0.3		0.57	2.65	118.0	8		SBBC Proj.	11960108
BCSB-115	MP61A	4/2/97		0		4.70	8.0	22.0		<0.3		0.57	2.65	118.3			Laurel Land Dev. Inc.	11960108
BCSB-115	11960108-61A	6/27/97	120	446		3.80	<1.0			0.20		1.12		183.0	0		SBBC Proj.	11960108
BCSB-115	MP61A	9/16/99		0		4.00	1.8	42.0		0.67		2.07	4.70	202.6			Laurel Land Dev. Inc.	11960108
BCSB-115	MP61A	6/13/00		0		3.60	0.0	68.0		0.87		1.24	7.09	211.0			Laurel Land Dev. Inc.	11960108
BCSB-115	MP61A	9/18/00		0		4.50	8.0	36.0		<0.3		1.86	4.98	158.0			Laurel Land Dev. Inc.	11960108
BCSB-115	MP61A	11/6/00		0		4.40	8.8	50.0		<0.3		1.85	6.75	235.0			Laurel Land Dev. Inc.	11960108
BCSB-116	11960108-62	3/22/93		440		4.78	2.0			2.04		0.51		135.0	12		SBBC Proj.	11960108
BCSB-116	11960108-62	4/15/93		612		4.83	2.0			3.77		0.50		255.0	20		SBBC Proj.	11960108
BCSB-116	11960108-62	5/17/93		913		7.74	44.0			4.55		0.49		388.0	58		SBBC Proj.	11960108
BCSB-116	11960108-62	6/1/93		541		5.47	3.0			3.30		0.50		199.0	52		SBBC Proj.	11960108
BCSB-116	11960108-62	7/23/93		685		4.45	<1.0			1.76		0.78		296.0	8		SBBC Proj.	11960108
BCSB-116	11960108-62	8/24/93		357		4.54	<1.0			0.30		0.88		128.0	2		SBBC Proj.	11960108

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.			Acidity (mg/l)									
BCSB-116	11960108-62	6/10/96		879		4.30	4.0			0.75		0.73	6.29	371.0	10		SBBC Proj.	11960108
BCSB-116	11960108-62	4/2/97				4.60	6.0			2.29		0.36	2.99	205.0	12		SBBC Proj.	11960108
BCSB-116	MP62	4/2/97		0		4.60	5.6	14.2		2.29		0.36	2.99	205.1			Laurel Land Dev. Inc.	11960108
BCSB-116	11960108-62	7/16/97		1460		5.30	14.0			2.46		0.51	4.42	677.0	16		SBBC Proj.	11960108
BCSB-119	11960201-7	5/23/96	1	2113		2.89	0.0			11.60		11.30	226.00	2320.0	3		SBBC Proj.	11960201
BCSB-119	11960201-7	6/26/96	2	2006		3.21	0.0			9.80		13.60	207.60	1790.0	3		SBBC Proj.	11960201
BCSB-119	11960201-7	7/25/96	0	1752		3.53	0.0			3.69		12.20	126.30	1620.0	52		SBBC Proj.	11960201
BCSB-119	11960201-7	8/23/96	1	2116		3.26	0.0			10.80		19.20	283.40	2790.0	5		SBBC Proj.	11960201
BCSB-119	11960201-7	9/25/96	2	1725		3.10	0.0			7.40		17.20	243.90	1940.0	1		SBBC Proj.	11960201
BCSB-119	11960201-7	10/30/96	2	1800		3.02	0.0			4.67		10.60	165.00	1450.0	20		SBBC Proj.	11960201
BCSB-119	11960201-7	12/10/96	1	1548		3.48	0.0			5.39		10.10		1730.0	3		SBBC Proj.	11960201
BCSB-119	11960201-7	1/8/97	0	1883		3.39	0.0			11.90		14.70		2110.0	12		SBBC Proj.	11960201
BCSB-119	MP7	3/17/97		0		3.70	0.0	436.0		6.91		5.22	67.10	765.4			Smith Energy Inc.	11960201
BCSB-119	11960201-7	3/17/97				3.70	0.0			6.91		5.22	67.10	765.0	<3		SBBC Proj.	11960201
BCSB-119	11960201-7	5/28/97	13	1673		3.19	0.0			8.90		5.70		1170.0	3		SBBC Proj.	11960201
BCSB-119	11960201-7	8/7/97	0														SBBC Proj.	11960201
BCSB-119	11960201-7	11/6/97	2	1440		3.35	0.0			4.70		10.40		1560.0	2		SBBC Proj.	11960201
BCSB-119	11960201-7	2/18/98	20	1295		3.16	0.0			10.10		4.60		700.0	12		SBBC Proj.	11960201
BCSB-119	11960201-7	6/3/98	1	2247		2.80	0.0			21.60		11.30		2670.0	4		SBBC Proj.	11960201
BCSB-123	11960201-5	2/3/95				6.60	22.0			1.08		0.38	2.32				SBBC Proj.	11960201
BCSB-123	11960201-5	10/7/95				6.96	17.0			0.53		0.21	0.71				SBBC Proj.	11960201
BCSB-123	11960201-5	4/30/96		300		5.60	7.0			1.50		0.30	3.80				SBBC Proj.	11960201
BCSB-123	11960201-5	5/23/96		429		6.40	8.0			0.60		0.40	2.10				SBBC Proj.	11960201
BCSB-123	11960201-5	6/26/96	17000	389		6.03	12.0			0.19		0.22	0.47				SBBC Proj.	11960201
BCSB-123	11960201-5	7/25/96	14000	746		5.37	10.0			0.19		0.32	0.50				SBBC Proj.	11960201
BCSB-123	11960201-5	8/23/96	13000	888		6.75	15.0			0.36		0.37	0.76				SBBC Proj.	11960201
BCSB-123	11960201-5	9/25/96	15000	621		6.07	15.0			0.61		0.36	1.83				SBBC Proj.	11960201
BCSB-123	11960201-5	12/10/96	21000	613		6.24	8.0			0.57		0.31					SBBC Proj.	11960201
BCSB-123	11960201-5	1/8/97	14000	613		5.63	11.0			0.60		0.35					SBBC Proj.	11960201
BCSB-123	11960201-5	3/17/97				5.90	11.0			0.51		0.20	1.38				SBBC Proj.	11960201
BCSB-123	MP5	3/17/97		0		5.90	11.2	3.6		0.51		0.20	1.38	105.4			Smith Energy Inc.	11960201
BCSB-123	11960201-5	5/28/97	19000	394		5.78	32.0			0.66		0.24					SBBC Proj.	11960201
BCSB-123	11960201-5	6/4/97				6.40	26.0			1.03		0.26	2.19				SBBC Proj.	11960201
BCSB-123	MP5	6/4/97		0		6.40	26.0	4.2		1.03		0.26	2.19	210.5			Smith Energy Inc.	11960201
BCSB-123	11960201-5	8/7/97	12000	1689		6.29	48.0			0.39		0.26					SBBC Proj.	11960201
BCSB-123	11960201-5	11/6/97		598		6.44	28.0			0.64		0.34					SBBC Proj.	11960201
BCSB-123	11960201-5	12/23/97				6.40	32.0			1.00		0.28	2.50				SBBC Proj.	11960201
BCSB-123	MP5	12/23/97		0		6.40	32.0			1.00		0.28	2.50	106.8			Smith Energy Inc.	11960201
BCSB-123	11960201-5	2/18/98		297		5.85	12.0			0.91		0.29					SBBC Proj.	11960201
BCSB-123	MP5	3/25/98		0		5.30	8.6	4.0		1.15		0.31	2.56	207.0			Smith Energy Inc.	11960201
BCSB-123	11960201-5	3/26/98				5.30	9.0			1.15		0.31	2.56				SBBC Proj.	11960201
BCSB-123	11960201-5	6/3/98		1081		5.98	16.0			0.46		0.66					SBBC Proj.	11960201
BCSB-123	11960201-5	6/25/98				6.20	34.0			0.71		0.37	1.65				SBBC Proj.	11960201
BCSB-123	MP5	6/25/98		0		6.20	34.0			0.71		0.37	1.65	373.2			Smith Energy Inc.	11960201
BCSB-123	MP5	12/21/98		0		6.40	40.0			0.47		0.49	<0.50	963.0			Smith Energy Inc.	11960201
BCSB-124	11960202-R2-A	4/19/96		6400		2.60	0.0			71.00		94.70	737.00	7543.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	5/17/96	12	5200		2.80	0.0			35.00		55.60	423.00	5148.0	8		SBBC Proj.	11960202
BCSB-124	11960202-R2-A	6/21/96		5200		2.70	0.0			31.70		59.10	422.00	6087.0	30		SBBC Proj.	11960202
BCSB-124	11960202-R2-A	7/26/96		6000		2.50	0.0			34.80		61.60	459.00	5929.0			SBBC Proj.	11960202

**Blacklick Creek Watershed Assessment / Restoration Plan**

**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-124	11960202-R2-A	8/23/96	4	7200		2.70	0.0			33.30		75.80	585.00	7900.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	9/30/96	12	4800		2.80	0.0			26.90		43.90	393.00	5211.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	10/25/96	12	5200		2.70	0.0			31.80		42.70	259.00	4711.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	11/22/96	12	5000		2.80	0.0			47.40		46.40	331.00	5859.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	12/18/96	17	5000		2.10	0.0			57.90		47.00	364.00	4893.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	1/16/97	12	6000		2.90	0.0			98.00		110.00	1140.00	6866.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	1/19/97	12	4800		2.90	0.0			36.30		35.70	276.00	5823.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	2/24/97	17	4800		2.70	0.0			86.00		80.00	336.00	5027.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	3/12/97	12	5000		2.50	0.0			47.30		42.00	283.00	5473.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	4/16/97	6	6000		2.80	0.0			43.50		60.10	486.00	6398.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	5/28/97	22	5000		2.80	0.0			28.70		71.00	288.00	4397.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	6/16/97	9	5600		2.80	0.0			50.20		83.00	483.00	6560.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	7/25/97	4	5200		2.50	0.0			51.00		970.00	996.00	7353.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	8/22/97	9	5200		2.90	0.0			42.30		71.00	413.00	5278.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	9/25/97	4	5600		2.80	0.0			38.30		56.00	313.00	6872.0	8		SBBC Proj.	11960202
BCSB-124	11960202-R2-A	10/29/97	4	5600		2.80	0.0			33.10		49.30	313.00	7401.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	11/21/97	12	4200		3.00	0.0			34.70		32.00	251.00	4997.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	12/18/97	12	5400		2.70	0.0			33.10		35.00	283.00	5375.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	2/23/98	28	4400		2.90	0.0			40.50		29.00	226.00	3851.0			SBBC Proj.	11960202
BCSB-124	11960202-R2-A	3/26/98	12	5800		3.20	0.0			54.00		52.00	267.00	6373.0	10		SBBC Proj.	11960202
BCSB-124	11960202-R2-A	3/31/98	8			2.90	0.0			30.90		53.30	485.00	6319.0	30		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	4/19/96	0	3400		3.00	0.0			19.00		39.20	122.80	2460.0			SBBC Proj.	11960202
BCSB-125	11960202-R2-B	5/17/96	2	3200		3.10	0.0			11.30		31.90	38.10	2368.0	4		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	6/21/96		3000		2.90	0.0			8.54		27.60	54.80	2154.0			SBBC Proj.	11960202
BCSB-125	11960202-R2-B	7/26/96		4200		2.70	0.0			14.70		36.90	136.80	3395.0	6		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	8/23/96	0	3800		2.90	0.0			15.80		38.60	143.00	3352.0			SBBC Proj.	11960202
BCSB-125	11960202-R2-B	9/30/96	2	3000		3.10	0.0			11.60		26.50	98.10	2289.0			SBBC Proj.	11960202
BCSB-125	11960202-R2-B	10/25/96	4	3200		3.00	0.0			8.70		25.90	116.00	2200.0			SBBC Proj.	11960202
BCSB-125	11960202-R2-B	11/22/96	2	3400		3.10	0.0			13.40		32.20	112.00	2762.0	4		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	12/18/96	4	3200		2.40	0.0			11.20		28.60	117.20	2644.0			SBBC Proj.	11960202
BCSB-125	11960202-R2-B	1/19/97	2	2800		3.80	0.0			10.10		10.10	44.50	2123.0	10		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	2/24/97	6	2600		3.10	0.0			11.50		113.80	88.50	1757.0			SBBC Proj.	11960202
BCSB-125	11960202-R2-B	3/12/97	2	3200		2.70	0.0			14.40		26.70	112.30	2462.0	56		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	4/16/97	2	4200		3.10	0.0			20.90		42.70	194.00	3837.0	254		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	5/28/97	1	3400		2.90	0.0			9.10		34.00	125.00	2616.0	4		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	6/16/97	2	4000		3.00	0.0			19.10		42.00	298.00	3644.0	82		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	7/25/97	0	3200		2.80	0.0			14.20		660.00	234.00	3680.0			SBBC Proj.	11960202
BCSB-125	11960202-R2-B	8/22/97	2	3000		4.20	0.0			3.77		14.30	59.70	2084.0	28		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	9/25/97	0	4000		3.80	0.0			104.00		17.00	104.00	3727.0	34		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	10/29/97	1	3600		4.00	0.0			18.20		18.20	86.20	3110.0	26		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	11/21/97	2	3000		3.20	0.0			14.90		14.90	96.80	2752.0	2		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	2/23/98	2	3000		3.50	0.0			12.00		12.00	67.90	1931.0			SBBC Proj.	11960202
BCSB-125	11960202-R2-B	3/26/98	0	3600		3.70	0.0			18.40		18.40	64.90	2708.0	14		SBBC Proj.	11960202
BCSB-125	11960202-R2-B	3/31/98	0			3.40	0.0			13.30		21.20	108.00	3053.0	6		SBBC Proj.	11960202
BCSB-126	MP-D1	3/28/95	13	1980	4.50	2.59	0.0	586.2		50.50		2.24	49.50	895.6			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	4/26/95	10	458	4.50	3.26	0.0	90.3		5.40		0.36		132.7			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	6/26/95	0	2100	4.30	2.54	0.0	689.4		49.00		2.03	44.75	1054.6			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	10/25/95	1	2912	4.30	2.42	0.0	1228.1		86.75		3.44	79.60	1751.0			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	11/24/95	0	3000	4.30	2.44	0.0	1186.8		103.00		3.56	79.50	2667.6			Britt Energies, Inc.	32000102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-126	MP-D1	12/28/95	0	2881	4.50	2.37	0.0	1011.8		113.00		3.93	75.75	2784.0			Britt Energies, Inc.	32000102
BCSB-126	11970106-3	5/8/96	4	595		3.30	0.0			1.65		1.66	13.59	175.0	0		SBBC Proj.	11970106
BCSB-126	11970106-3	6/10/96	3	601		3.30	0.0			2.31		1.56	13.35	159.0	1		SBBC Proj.	11970106
BCSB-126	11970106-3	7/31/96	0	599		3.20	0.0			1.49		1.41	12.53	172.0	0		SBBC Proj.	11970106
BCSB-126	11970106-3	1/21/97	0														SBBC Proj.	11970106
BCSB-126	11970106-3	2/10/97	0														SBBC Proj.	11970106
BCSB-126	11970106-3	3/28/97	6	571		3.20	0.0			1.62		1.41	11.86	264.0	0		SBBC Proj.	11970106
BCSB-126	11970106-3	4/17/97	8	504		3.20	0.0			1.23		1.30	11.81	176.0	1		SBBC Proj.	11970106
BCSB-126	11970106-3	4/30/97	5	520		3.30	0.0			1.64		1.37	11.71	154.0	1		SBBC Proj.	11970106
BCSB-126	11970106-3	5/16/97	87	537		3.30	0.0			1.23		1.14	11.39	152.0	0		SBBC Proj.	11970106
BCSB-126	11970106-3	6/21/97	12	446		3.20	0.0			3.83		1.15	8.36	128.0	1		SBBC Proj.	11970106
BCSB-126	11970106-3	7/30/97	1	682		3.20	0.0			2.83		1.24	10.35	161.0	0		SBBC Proj.	11970106
BCSB-126	11970106-3	8/29/97	3	561		3.20	0.0			1.80		1.33	11.10	133.0	1		SBBC Proj.	11970106
BCSB-126	11970106-3	10/2/97	10	494		3.30	0.0			1.49		1.27	9.41	12.0	1		SBBC Proj.	11970106
BCSB-126	11970106-3	11/25/97	69	525		3.60	0.0			1.58		1.33	10.44	133.0	0		SBBC Proj.	11970106
BCSB-126	11970106-3	12/30/97	44	481		3.20	0.0			0.61		1.06	10.11	102.0	0		SBBC Proj.	11970106
BCSB-126	11970106-3	1/29/98	9	518		3.30	0.0			2.26		1.19	10.96	123.0	4		SBBC Proj.	11970106
BCSB-126	11970106-3	2/27/98	24	524		3.30	0.0			1.41		1.24	10.58	129.0	2		SBBC Proj.	11970106
BCSB-126	11970106-3	6/5/98	8	593		3.20	0.0			1.94		1.44	9.82	111.0	1		SBBC Proj.	11970106
BCSB-126	MP3	9/22/98	2	0		3.10	0.0	106.0		4.91		1.21	7.46	148.0			Laurel Land Dev. Inc.	11970106
BCSB-126	MP3	12/16/98	0	0		3.50	0.0	74.0		4.32		1.54	6.98	127.0			Laurel Land Dev. Inc.	11970106
BCSB-126	MP3	5/12/99		0		3.30	0.0	148.0		2.60		1.85	18.20	187.0			Laurel Land Dev. Inc.	11970106
BCSB-126	MP3	9/10/99		0		3.30	0.0	138.0		3.50		1.55	12.80	156.0			Laurel Land Dev. Inc.	11970106
BCSB-126	MP-D1	12/30/99	2	3226	4.00	2.08	0.0	1122.1		109.89		4.35	106.24	1540.4			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	4/14/00	3	1892	4.00	2.77	0.0	477.6		33.56		1.55	39.44	740.6			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	4/18/00	0	1916	4.00	2.55	0.0	475.1		36.28		1.70	41.44	753.9			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	5/8/00	0	1996	4.50	2.48	0.0	372.4		36.04		1.76	47.71	752.5			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	5/17/00	8	2158	4.00	2.57	0.0	500.2		44.00		2.03	56.20	980.6			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	6/7/00	1	2050	4.00	2.67	0.0	502.9		38.50		1.81	47.66	735.6			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	6/23/00	2	2352	4.00	2.55	0.0	703.2		49.89		2.56	65.68	970.1			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	7/12/00	1	2586	4.00	2.54	0.0	841.3		50.55		3.12	80.06	1193.2			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	7/26/00	0	2682	4.00	2.55	0.0	942.5		64.05		3.28	85.21	1308.6			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	8/7/00	1	2734	4.00	2.65	0.0	1065.0		73.54		3.55	83.25	1381.3			Britt Energies, Inc.	32000102
BCSB-126	MP-D1	9/13/00	1	3024	4.00	2.42	0.0	1072.3		72.81		4.08	95.58	1912.6			Britt Energies, Inc.	32000102
BCSB-126	MP3	9/28/00		0		3.30	0.0	146.0		1.52		1.45	16.40	205.4			Laurel Land Dev. Inc.	11970106
BCSB-126	MP3	10/31/00	6	0		3.30	0.0	170.0		2.13		1.67	18.70	157.5			Laurel Land Dev. Inc.	11970106
BCSB-126	MP3	9/20/01	2	0		3.30	0.0	106.2		3.42		1.10	10.80	99.9			Laurel Land Dev. Inc.	11970106
BCSB-126	MP-D1	10/23/01	1	0		2.40	0.0	1678.0		142.00		4.75	140.00	814.9			Britt Energies, Inc.	32000102
BCSB-126	MP3	11/28/01		0		3.40	0.0	116.0		3.54		1.62	12.40	157.1			Laurel Land Dev. Inc.	11970106
BCSB-126	MP-D1	4/18/02		0		2.60	0.0	999.2		91.70		3.40	82.90	660.7			Britt Energies, Inc.	32000102
BCSB-126	MP3	8/28/02		0		3.20	0.0	148.0		2.40		2.76	12.70	168.9			Laurel Land Dev. Inc.	11970106
BCSB-132	35	6/6/00		0		3.70	0.0	68.0		0.42		2.00	6.74	267.0			Laurel Land Dev. Inc.	11980103
BCSB-132	35	3/7/02		0		3.00	0.0	145.0		3.34		0.78	12.60	288.5			Laurel Land Dev. Inc.	11980103
BCSB-132	35	9/19/02	50	0		3.00	0.0	176.8		3.88		1.14	16.80	372.1			Laurel Land Dev. Inc.	11980103
BCSB-136	11970104-1	9/10/96		333		5.36	2.0			1.60		2.43	0.53	122.0	12		SBBC Proj.	11970104
BCSB-136	11970104-1	10/22/96		303		5.13	2.0			0.98		1.68	0.36	124.0	16		SBBC Proj.	11970104
BCSB-136	11970104-1	11/18/96		550		4.71	1.0			1.84		3.32	0.53	239.0	14		SBBC Proj.	11970104
BCSB-136	11970104-1	12/18/96		467		4.49	0.0			2.38		3.80	0.51	201.0	10		SBBC Proj.	11970104
BCSB-136	11970104-1	1/30/97		606		4.68	<1.0			2.35		3.77	0.53	253.0	6		SBBC Proj.	11970104

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.												
BCSB-136	11970104-1	4/10/97		474	4.55	4.55	<1.0			3.43		4.42	0.57	186.0	20		SBBC Proj.	11970104
BCSB-136	11970104-1	6/12/98			5.70	5.70	12.0			0.95		0.29	<0.50	25.0	<3		SBBC Proj.	11970104
BCSB-137	11970104-3	9/10/96	500	217	3.98	3.98	0.0			0.30		1.86	3.71	81.0	<2		SBBC Proj.	11970104
BCSB-137	11970104-3	10/22/96		199	4.08	4.08	0.0			0.15		1.61	3.68	75.0	<2		SBBC Proj.	11970104
BCSB-138	11970104-8	9/10/96		314	6.00	6.00	3.0			1.92		0.42	2.65	113.0	8		SBBC Proj.	11970104
BCSB-138	11970104-8	10/22/96		308	5.58	5.58	3.0			1.39		0.33	1.83	121.0	10		SBBC Proj.	11970104
BCSB-138	11970104-8	11/18/96		604	4.94	4.94	2.0			1.94		0.41	3.09	272.0	12		SBBC Proj.	11970104
BCSB-138	11970104-8	12/18/96		513	4.55	4.55	<1.0			2.93		0.41	4.04	230.0	12		SBBC Proj.	11970104
BCSB-138	11970104-8	1/30/97		721	4.86	4.86	1.0			3.20		0.40	4.12	298.0	16		SBBC Proj.	11970104
BCSB-138	11970104-8	4/10/97		786	5.37	5.37	3.0			3.58		0.38	4.08	360.0	36		SBBC Proj.	11970104
BCSB-139	11970104-9	9/10/96	21	590	7.86	7.86	135.0			0.18		0.04	0.16	2.0	<2		SBBC Proj.	11970104
BCSB-139	11970104-9	10/22/96	18	583	7.74	7.74	139.0			0.09		0.02	<0.10	3.0	<2		SBBC Proj.	11970104
BCSB-139	11970104-9	6/12/98			7.30	7.30	148.0			<0.3		<0.05	<0.50	<20.0	<3		SBBC Proj.	11970104
BCSB-140	11970104-17	9/10/96	7	58	6.56	6.56	6.0			0.21		<0.02	0.14	16.0	<2		SBBC Proj.	11970104
BCSB-140	11970104-17	10/22/96	7	52	6.23	6.23	5.0			<0.04		0.02	<0.10	15.0	<2		SBBC Proj.	11970104
BCSB-140	11970104-17	11/18/96	7	52	6.85	6.85	11.0			0.05		<0.02	0.11	13.0	2		SBBC Proj.	11970104
BCSB-140	11970104-17	12/18/96	7	52	6.43	6.43	4.0			0.10		0.04	<0.10	13.0	<2		SBBC Proj.	11970104
BCSB-140	11970104-17	1/30/97	7	53	6.20	6.20	4.0			<0.04		<0.02	0.12	13.0	<2		SBBC Proj.	11970104
BCSB-140	11970104-17	4/10/97	7	53	5.74	5.74	5.0			0.26		<0.02	<0.10	13.0	<2		SBBC Proj.	11970104
BCSB-140	MP17	6/22/99															M.B. Energy, Inc.	11970104
BCSB-140	MP17	7/26/99															M.B. Energy, Inc.	11970104
BCSB-140	MP17	3/22/00		0	6.50	6.50	22.0			<0.3		<0.05	<0.50	<20.0			M.B. Energy, Inc.	11970104
BCSB-140	MP17	5/30/00		0	6.60	6.60	30.0			<0.3		<0.05	<0.50	29.0			M.B. Energy, Inc.	11970104
BCSB-140	MP17	9/6/00															M.B. Energy, Inc.	11970104
BCSB-140	MP17	12/6/00		0	7.50	7.50	112.0			<0.3		<0.05	<0.50	64.1			M.B. Energy, Inc.	11970104
BCSB-140	MP17	3/21/01		0	7.40	7.40	78.0			<0.3		<0.05	<0.50	55.3			M.B. Energy, Inc.	11970104
BCSB-140	MP17	5/10/01		0	7.40	7.40	72.0			<0.3		<0.05	<0.50	67.0			M.B. Energy, Inc.	11970104
BCSB-140	MP17	8/8/01															M.B. Energy, Inc.	11970104
BCSB-140	MP17	3/6/02		0	7.20	7.20	68.0			<0.3		<0.05	<0.50	79.1			M.B. Energy, Inc.	11970104
BCSB-141	11970104-21	9/10/96	25	62	4.76	4.76	<1.0			0.63		0.27	0.30	20.0	<2		SBBC Proj.	11970104
BCSB-141	11970104-21	10/22/96	175	56	5.38	5.38	2.0			0.14		0.17	0.17	17.0	<2		SBBC Proj.	11970104
BCSB-141	11970104-21	11/18/96	200	60	6.07	6.07	2.0			0.18		0.13	0.19	19.0	<2		SBBC Proj.	11970104
BCSB-141	11970104-21	12/18/96	175	60	6.18	6.18	3.0			0.12		0.09	0.11	19.0	<2		SBBC Proj.	11970104
BCSB-141	11970104-21	1/30/97	165	59	5.92	5.92	2.0			0.07		0.05	0.13	18.0	<2		SBBC Proj.	11970104
BCSB-141	11970104-21	4/10/97	50	59	5.59	5.59	3.0			0.16		0.06	0.12	18.0	6		SBBC Proj.	11970104
BCSB-141	MP21	3/16/99		0	5.30	5.30	10.0	5.0		<0.3		0.12	<0.50	<20.0			M.B. Energy, Inc.	11970104
BCSB-141	MP21	6/22/99															M.B. Energy, Inc.	11970104
BCSB-141	MP21	7/26/99															M.B. Energy, Inc.	11970104
BCSB-141	MP21	3/22/00		0	4.80	4.80	7.0	3.4		<0.3		0.19	<0.50	32.8			M.B. Energy, Inc.	11970104
BCSB-141	MP21	5/30/00		0	5.20	5.20	9.0	8.2		4.34		0.29	2.61	27.0			M.B. Energy, Inc.	11970104
BCSB-141	MP21	6/27/00		0	6.60	6.60	40.0			2.66		0.31	3.18	52.5			M.B. Energy, Inc.	11970104
BCSB-141	MP21	9/6/00															M.B. Energy, Inc.	11970104
BCSB-141	MP21	12/6/00		0	6.90	6.90	48.0			<0.3		0.30	<0.50	46.1			M.B. Energy, Inc.	11970104
BCSB-141	MP21	3/21/01		0	7.00	7.00	62.0			5.58		0.33	8.46	123.7			M.B. Energy, Inc.	11970104
BCSB-141	MP21	5/10/01		0	7.60	7.60	118.0			0.62		0.05	<0.50	114.0			M.B. Energy, Inc.	11970104
BCSB-141	MP21	8/8/01		0	7.40	7.40	102.0			<0.3		0.10	<0.50	148.8			M.B. Energy, Inc.	11970104
BCSB-141	MP21	3/6/02	11	0	6.60	6.60	34.0			0.31		0.71	<0.05	263.6			M.B. Energy, Inc.	11970104
BCSB-142	TMDL-38	2/15/02	4083		6.95	6.95	15.2	-3.2		0.07		0.04	0.04	18.0	1		TMDL-Blacklick	
BCSB-142	TMDL-38	3/29/02	10578		6.72	6.72	11.1	-0.1		0.21		0.04	0.15	12.0	5		TMDL-Blacklick	



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-142	TMDL-38	4/19/02	8159			6.27	14.3	-4.3		0.16		0.02	0.08	11.0	4		TMDL-Blacklick	
BCSB-142	TMDL-38	7/1/02	1274			6.16	32.7	-18.3		0.15		0.02	0.04	15.0	3		TMDL-Blacklick	
BCSB-142	TMDL-38	8/1/02	153			7.89	49.4	-36.5		0.26		0.03	0.02	15.0	1		TMDL-Blacklick	
BCSB-142	TMDL-38	10/18/02	1909			6.78	30.6	-17.2		0.50		0.02	0.02	21.0	1		TMDL-Blacklick	
BCSB-144	TMDL-41	2/15/02	5972			6.52	7.0	0.0		0.31		0.06	0.06	12.0	2		TMDL-Blacklick	
BCSB-144	TMDL-41	3/29/02	15114			6.64	5.7	1.9		0.30		0.07	0.14	10.0	4		TMDL-Blacklick	
BCSB-144	TMDL-41	4/19/02	10232			6.02	7.0	2.2		0.35		0.04	0.19	9.0	2		TMDL-Blacklick	
BCSB-144	TMDL-41	7/1/02	1091			5.71	12.5	14.4		0.26		0.02	0.06	11.0	2		TMDL-Blacklick	
BCSB-144	TMDL-41	8/1/02	224			7.15	18.5	-7.5		0.34		0.04	0.02	11.0	0		TMDL-Blacklick	
BCSB-144	TMDL-41	10/18/02	728			6.34	11.2	2.4		0.32		0.07	0.06	15.0	1		TMDL-Blacklick	
BCSB-145	BCS-119A	4/16/74	817			2.60	0.0	20.0		84.00	2.20			425.0			Blacklick Scarlift	
BCSB-145	BCS-119A	5/13/74	767			2.80	0.0	480.0		55.60	0.00			600.0			Blacklick Scarlift	
BCSB-145	BCS-119A	6/6/74	642			2.60	0.0	560.0		59.70	2.20			800.0			Blacklick Scarlift	
BCSB-145	BCS-119A	8/2/74	340			2.70	0.0	680.0		77.30	12.30			950.0			Blacklick Scarlift	
BCSB-145	BCS-119A	8/22/74	275			2.60	0.0	1400.0		70.80	3.40			950.0			Blacklick Scarlift	
BCSB-145	BCS-119A	9/12/74	275			2.50	0.0	1400.0		71.70	14.60			975.0			Blacklick Scarlift	
BCSB-145	11960201-2	2/3/95				3.00	0.0			34.50		4.61	40.40	632.0			SBBC Proj.	11960201
BCSB-145	11960201-2	10/7/95		2000		2.80	1.0			130.00		4.70	110.00	1375.0	12		SBBC Proj.	11960201
BCSB-145	11960201-2	4/30/96		1220		2.65	0.0			25.00		37.00	24.00	641.0	1		SBBC Proj.	11960201
BCSB-145	11960201-2	5/23/96	784	1274		2.90	0.0			32.00		4.90	34.00	840.0	2		SBBC Proj.	11960201
BCSB-145	11960201-2	6/26/96	400	1274		2.91	0.0			32.10		4.30	27.90	580.0	1		SBBC Proj.	11960201
BCSB-145	11960201-2	7/25/96	300	1243		2.84				32.90		3.90	32.20	570.0	2		SBBC Proj.	11960201
BCSB-145	11960201-2	8/23/96	250	1334		2.80	0.0			52.70		6.80	41.20	644.0	2		SBBC Proj.	11960201
BCSB-145	11960201-2	9/25/96	350	1162		2.81	0.0			33.30		4.44	29.80	662.0	1		SBBC Proj.	11960201
BCSB-145	11960201-2	12/10/96	500	1290		2.82	0.0			35.20		5.20		500.0	1		SBBC Proj.	11960201
BCSB-145	11960201-2	1/8/97	400	1316		2.85	0.0			39.00		4.14		680.0	8		SBBC Proj.	11960201
BCSB-145	11960201-2	3/17/97				3.00	0.0			15.70		2.75	22.70	484.0	20		SBBC Proj.	11960201
BCSB-145	MP2	3/17/97		0		3.00	0.0	274.0		15.70		2.75	22.70	484.4			Smith Energy Inc.	11960201
BCSB-145	11960201-2	5/28/97	424	1085		2.91	0.0			16.10		2.37		369.0	1		SBBC Proj.	11960201
BCSB-145	MP2	6/4/97		0		2.80	0.0	332.0		20.30		3.27	28.40	557.6			Smith Energy Inc.	11960201
BCSB-145	WM-01	6/4/97				2.90	0.0			23.80	4.68	30.00	30.10	348.0			Webster Mine Study	
BCSB-145	11960201-2	6/4/97				2.80	0.0			20.30		3.27	28.40	558.0	<3		SBBC Proj.	11960201
BCSB-145	WM-01	7/2/97		130		3.00	0.0			26.90		33.60	29.40	430.0			Webster Mine Study	
BCSB-145	WM-01	8/5/97		1430		3.00	0.0			39.60	13.86		35.50	412.0			Webster Mine Study	
BCSB-145	11960201-2	8/7/97	224	1403		2.96	0.0			44.40		5.05		800.0	7		SBBC Proj.	11960201
BCSB-145	WM-01	10/18/97		1677		3.00	0.0			465.50	9.90		43.10				Webster Mine Study	
BCSB-145	WM-01	10/30/97		1420		3.00	0.0			43.90	9.35	45.70	44.40	496.0			Webster Mine Study	
BCSB-145	11960201-2	11/6/97	202	1061		2.80	0.0			32.40		4.20		588.0	5		SBBC Proj.	11960201
BCSB-145	WM-01	12/17/97		1650		3.34	0.0			27.90	7.04	37.90	33.30	282.0			Webster Mine Study	
BCSB-145	11960201-2	2/18/98	460	1006		2.85	0.0			22.80		3.90		533.0	2		SBBC Proj.	11960201
BCSB-145	11960201-2	6/3/98	397	1177		2.55	0.0			27.50		4.40		570.0	4		SBBC Proj.	11960201
BCSB-146	11960201-1	2/3/95				2.90	0.0			117.00		1.65	97.90	983.0			SBBC Proj.	11960201
BCSB-146	11960201-1	10/7/95		3700		2.55	0.0			310.00		5.40	310.00	3025.0	22		SBBC Proj.	11960201
BCSB-146	11960201-1	4/30/96		620		3.00	0.0			23.00		0.80	20.90	240.0	59		SBBC Proj.	11960201
BCSB-146	11960201-1	5/23/96				2.90	0.0			504.00		1.00	42.90	1170.0	43		SBBC Proj.	11960201
BCSB-146	11960201-1	6/26/96	2300	1180		3.00	0.0			48.00		1.10	35.60	550.0	34		SBBC Proj.	11960201
BCSB-146	11960201-1	7/25/96	800	1808		2.51	0.0			158.00		1.94	141.80	1290.0	30		SBBC Proj.	11960201
BCSB-146	11960201-1	8/23/96	400	2243		2.55	0.0			224.00		4.90	178.00	2350.0	15		SBBC Proj.	11960201
BCSB-146	11960201-1	9/25/96	1200	1369		2.80	0.0			159.00		2.30	106.40	860.0	38		SBBC Proj.	11960201

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-146	11960201-1	12/10/96	2300	1380		2.83	0.0			131.00		1.80		1050.0	8		SBBC Proj.	11960201
BCSB-146	11960201-1	1/8/97	1000	1419		2.84	0.0			152.00		1.29		1280.0	27		SBBC Proj.	11960201
BCSB-146	11960201-1	3/17/97				3.10	0.0			41.20		0.56	29.50	354.0	20		SBBC Proj.	11960201
BCSB-146	MP1	3/17/97		0		3.10	0.0	320.0		41.20		0.56	29.50	353.7			Smith Energy Inc.	11960201
BCSB-146	11960201-1	5/28/97	1100	1076		2.92	0.0			47.50		0.80		202.0	39		SBBC Proj.	11960201
BCSB-146	MP1	6/4/97		0		2.80	0.0	692.0		84.60		1.21	65.50	890.6			Smith Energy Inc.	11960201
BCSB-146	WM-03	6/4/97				2.90	0.0			23.80	4.68	30.00	30.10	348.0			Webster Mine Study	
BCSB-146	11960201-1	6/4/97				2.80	0.0			84.60		1.21	65.50	891.0	<3		SBBC Proj.	11960201
BCSB-146	WM-03	7/2/97		130		3.00	0.0			26.90		33.60	29.40	430.0			Webster Mine Study	
BCSB-146	WM-03	8/5/97		1430		3.00	0.0			39.60	13.86		35.50	412.0			Webster Mine Study	
BCSB-146	11960201-1	8/7/97	250	4549		2.50	0.0			670.00		10.10		5580.0	2		SBBC Proj.	11960201
BCSB-146	WM-03	10/18/97	104	1677		3.00	0.0			465.50	9.90		43.10				Webster Mine Study	
BCSB-146	WM-03	10/30/97		1420		3.00	0.0			43.90	9.35	45.70	44.40	496.0			Webster Mine Study	
BCSB-146	WM-03	12/15/97		1650		3.34	0.0			27.90	7.04	37.90	33.30	282.0			Webster Mine Study	
BCSB-146	11960201-1	2/18/98	1250	615		2.96	0.0			30.20		0.57		252.0	56		SBBC Proj.	11960201
BCSB-146	11960201-1	6/3/98	400	2408		2.30	0.0			281.00		3.51		281.0	9		SBBC Proj.	11960201
BCSB-146	11960201-1	11/6/98	400	1061		2.83	0.0			83.00		1.49		700.0	14		SBBC Proj.	11960201
BCSB-148	WM-07	6/4/97				6.30	20.0			0.60		0.21	1.10	503.0			Webster Mine Study	
BCSB-148	WM-07	7/2/97	10386	733		6.60	36.0			0.29		0.37	0.62	213.0			Webster Mine Study	
BCSB-148	WM-07	8/5/97		1652		6.80	46.0			0.27		0.33	0.74	720.0			Webster Mine Study	
BCSB-148	WM-07	10/23/97	8440	1675		6.70	44.0							657.0			Webster Mine Study	
BCSB-148	WM-07	10/30/97	8929	1412		6.90	48.0			0.40		0.28	0.78	661.0			Webster Mine Study	
BCSB-148	WM-07	12/17/97		795		6.60	24.0			0.47		0.21	1.27	190.0			Webster Mine Study	
BCSB-150	WM-11	6/4/97				5.40	5.0			2.83		0.31	2.98	188.0			Webster Mine Study	
BCSB-150	WM-11	7/2/97		908		5.30	4.0			4.81		0.71	4.29	345.0			Webster Mine Study	
BCSB-150	WM-11	8/5/97	10574	1524		6.30	19.0			2.63		0.46	2.65	642.0			Webster Mine Study	
BCSB-150	WM-11	10/23/97	7396	1725		6.40	28.0			2.78		0.34	2.75	612.0			Webster Mine Study	
BCSB-150	WM-11	11/1/97	9579	1561		6.40	28.0			2.86		0.41	2.81	556.0			Webster Mine Study	
BCSB-150	WM-11	12/18/97		815		5.20	4.0			3.63		0.40	3.84	280.0			Webster Mine Study	
BCSB-150	KBLSB2	5/27/99				2.90	0.0	148.0	352.0	24.70	2.10	27.50	2.78	604.0	14		Stream Team	
BCSB-150	KBLSB2	1/12/00				5.20	3.2		10.6	2.16	0.57	2.53	0.40	166.0	22		Stream Team	
BCSB-150	KBLSB2	4/12/00				6.20	16.8		0.0	1.94	0.52	2.36	0.33	139.0	6		Stream Team	
BCSB-150	KBLSB2	7/17/00				5.00	2.8		42.0	3.59	0.30	3.17	0.63	437.0	16		Stream Team	
BCSB-151	WM-16	6/4/97				6.30	12.0			0.35		0.04	<0.02	10.0			Webster Mine Study	
BCSB-151	WM-16	7/2/97	490	13		6.40	20.0			0.29		0.03	<0.02	32.0			Webster Mine Study	
BCSB-151	WM-16	8/5/97	40	146		6.50	34.0			0.08		0.04	<0.02	15.0			Webster Mine Study	
BCSB-151	WM-16	10/18/97	70	1		6.60	26.0			0.02		0.01	<0.02	<10.0			Webster Mine Study	
BCSB-151	WM-16	10/25/97		164		6.60	24.0			0.18		0.04	<0.02	45.0			Webster Mine Study	
BCSB-151	WM-16	12/15/97	4092	171		6.40	11.0			0.07		0.03	<0.02	87.0			Webster Mine Study	
BCSB-152	WM-18	8/5/97				6.60	314.0			43.50		1.36	0.43	545.0			Webster Mine Study	
BCSB-152	WM-18	10/18/97	5	260		6.80	38.0			0.05		0.02	<0.02	116.0			Webster Mine Study	
BCSB-152	WM-18	10/30/97	20	198		6.70	36.0			0.08		0.09	0.20	107.0			Webster Mine Study	
BCSB-152	WM-18	12/6/97		170		6.00	10.0			1.60		0.11	0.44	40.0			Webster Mine Study	
BCSB-152	WM-18	12/16/97	540	191		6.20	11.0			1.33		0.10	0.39	27.0			Webster Mine Study	
BCSB-153	WM-19	10/18/97															Webster Mine Study	
BCSB-153	WM-19	10/25/97															Webster Mine Study	
BCSB-153	WM-19	12/17/97	1394	1550		3.00	0.0			65.80		2.15	50.40	248.0			Webster Mine Study	
BCSB-157	5	3/4/97		0		3.20	0.0	82.0		0.72		1.11	6.18	189.0			TJ Mining Inc.	11890102
BCSB-157	5	12/11/97		0		3.20	0.0	94.0		0.95		1.01	7.26	224.3			TJ Mining Inc.	11890102

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field pH	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					S.U.	S.U.			(mg/l)									
BCSB-157	5	3/4/98		0		3.80	0.0	48.0		<0.3		1.60	4.43	185.0			TJ Mining Inc.	11890102
BCSB-157	5	6/17/98		0		3.30	0.0	92.0		1.10		1.32	7.31	297.0			TJ Mining Inc.	11890102
BCSB-157	5	12/9/98		0		3.50	0.0	98.0		1.41		2.38	9.68	319.4			TJ Mining Inc.	11890102
BCSB-157	5	9/16/99		0		3.20	0.0	124.0		1.55		2.21	13.50	330.8			TJ Mining Inc.	11890102
BCSB-158	6	3/4/97		0		3.80	0.0	36.0		<0.3		1.49	3.49	152.1			TJ Mining Inc.	11890102
BCSB-158	6	12/11/97		0		3.70	0.0	46.0		<0.3		1.63	4.06	182.7			TJ Mining Inc.	11890102
BCSB-158	6	3/4/98		0		3.80	0.0	36.0		<0.3		1.39	3.13	179.1			TJ Mining Inc.	11890102
BCSB-158	6	6/17/98		0		3.70	0.0	42.0		0.84		1.50	3.08	190.0			TJ Mining Inc.	11890102
BCSB-158	6	12/9/98															TJ Mining Inc.	11890102
BCSB-158	6	9/16/99		0		3.30	0.0	106.0		2.95		2.30	10.70	292.2			TJ Mining Inc.	11890102
BCSB-158	6	11/10/99		0		3.40	0.0	132.0		1.35		2.37	16.10	305.5			TJ Mining Inc.	11890102
BCSB-159	H10	12/30/99															Smith Energy Inc.	11980202
BCSB-159	H10	10/6/00	1	0		2.80	0.0	424.0		12.20		2.71	44.30	524.2			Smith Energy Inc.	11980202
BCSB-159	H10	3/27/01	10	0		2.70	0.0	428.0		10.50		1.78	43.60	368.9			Smith Energy Inc.	11980202
BCSB-159	H10	6/25/01	3	0		2.80	0.0	426.2		13.60		2.55	43.20	344.3			Smith Energy Inc.	11980202
BCSB-159	H10	8/14/01															Smith Energy Inc.	11980202
BCSB-159	H10	3/19/02	5	0		2.70	0.0	368.0		9.17		2.49	37.00	216.7			Smith Energy Inc.	11980202
BCSB-160	H11	12/30/99	0														Smith Energy Inc.	11980202
BCSB-160	H11	10/6/00	0														Smith Energy Inc.	11980202
BCSB-163	MP10	9/22/98		0		4.40	5.2	6.8		<0.3		0.80	0.96	38.0			Laurel Land Dev. Inc.	11970106
BCSB-163	MP10	5/12/99															Laurel Land Dev. Inc.	11970106
BCSB-163	MP10	9/10/99															Laurel Land Dev. Inc.	11970106
BCSB-163	MP10	6/26/00		0		4.40	7.4	13.4		<0.3		0.37	1.25	<20.0			Laurel Land Dev. Inc.	11970106
BCSB-163	MP10	11/28/01	4	0		4.30	6.8	21.2		<0.3		0.88	1.92	25.0			Laurel Land Dev. Inc.	11970106
BCSB-163	MP10	8/28/02															Laurel Land Dev. Inc.	11970106
BCSB-164	MP14	5/12/99		0		3.30	0.0	132.0		1.85		3.59	15.30	189.0			Laurel Land Dev. Inc.	11970106
BCSB-164	MP14	12/28/00	20	0		3.30	0.0	310.0		3.15		7.76	45.20	453.9			Laurel Land Dev. Inc.	11970106
BCSB-164	MP14	6/27/01		0		3.10	0.0	729.8		12.40		17.40	96.50	825.8			Laurel Land Dev. Inc.	11970106
BCSB-164	MP14	9/18/01		0		2.90	0.0	839.0		16.60		23.70	101.00	845.0			Laurel Land Dev. Inc.	11970106
BCSB-164	MP14	11/28/01		0		3.30	0.0	355.2		5.99		11.60	54.10	412.9			Laurel Land Dev. Inc.	11970106
BCSB-164	MP14	8/28/02	40	0		3.00	0.0	812.0		21.00		20.20	85.50	1086.7			Laurel Land Dev. Inc.	11970106
BCSB-165	11960108-61	3/22/93	8512	251		4.28	<1.0			0.75		0.51		86.0	2		SBBC Proj.	11960108
BCSB-165	11960108-61	4/15/93	10550	301		3.87	<1.0			0.83		0.61		104.0	2		SBBC Proj.	11960108
BCSB-165	11960108-61	5/17/93	2517	270		4.11	<1.0			0.61		0.59		97.0	2		SBBC Proj.	11960108
BCSB-165	11960108-61	6/1/93	3108	245		4.77	<1.0			0.39		0.55		74.0	4		SBBC Proj.	11960108
BCSB-165	11960108-61	7/23/93	726	328		4.43	<1.0			0.30		0.82		133.0	<2		SBBC Proj.	11960108
BCSB-165	11960108-61	8/24/93		312		4.55	<1.0			0.23		0.85		103.0	2		SBBC Proj.	11960108
BCSB-165	11960108-61	5/1/96		241		4.40	6.0			0.37		0.47	1.93	71.0	2		SBBC Proj.	11960108
BCSB-165	MP61	4/2/97		0		4.30	4.2	22.0		0.43		0.55	2.54	100.0			Laurel Land Dev. Inc.	11960108
BCSB-165	11960108-61	4/2/97				4.30	4.0			0.43		0.55	2.54	100.0	<3		SBBC Proj.	11960108
BCSB-165	11960108-61	6/27/97	150	482		4.00	<1.0			0.41		1.21		197.0	1		SBBC Proj.	11960108
BCSB-165	MP61	9/18/00		0		4.10	4.4	52.0		0.84		1.41	6.33	234.1			Laurel Land Dev. Inc.	11960108
BCSB-165	MP61	11/6/00		0		3.70	0.0	82.0		0.65		1.60	7.91	242.0			Laurel Land Dev. Inc.	11960108
BCSB-165	TMDL-32	2/16/02	1827			3.95	0.0	39.9		1.01		0.78	4.58	160.0	0		TMDL-Blacklick	
BCSB-165	TMDL-32	3/29/02	5954			3.91	0.0	33.3		1.23		0.45	3.68	121.0	9		TMDL-Blacklick	
BCSB-165	TMDL-32	4/19/02	3773			4.09	0.0	38.6		1.10		0.76	3.50	125.0	1		TMDL-Blacklick	
BCSB-165	TMDL-32	7/1/02	501			4.13	0.0	61.8		0.74		1.25	5.57	247.0	1		TMDL-Blacklick	
BCSB-165	CPR-1	7/24/02	327			4.50	9.8		71.8	0.45		1.42	5.38	256.5	<3		Coalpit Run Proj.	
BCSB-165	TMDL-32	8/1/02	139			4.53	0.0	42.2		0.42		1.60	5.10	372.0	5		TMDL-Blacklick	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-165	CPR-1	8/14/02	22			4.60	7.4		74.6	0.36		1.71	4.96	187.1	4		Coalpit Run Proj.	
BCSB-165	TMDL-32	10/18/02	397			4.65	1.3	39.8		0.27		1.21	2.81	165.0	3		TMDL-Blacklick	
BCSB-165	CPR-1	11/25/02	1103			4.10	2.4		62.0	0.70		1.01	4.35	136.4	4		Coalpit Run Proj.	
BCSB-165	CPR-1	12/17/02	1117			4.50	6.4		66.8	0.51		0.92	3.89	118.3	<3		Coalpit Run Proj.	
BCSB-165	CPR-1	1/14/03	1502			4.10	3.6		54.8	0.85		0.86	5.05	175.5	6		Coalpit Run Proj.	
BCSB-169	2	7/24/96		0		3.80	0.0	40.0		0.40		1.11	4.44	144.0			TJ Mining Inc.	11890102
BCSB-169	SP2	7/24/96		0		3.80	0.0	40.0		0.40		1.11	4.44	144.0			Laurel Land Dev. Inc.	11920110
BCSB-169	2	3/4/97		0		4.70	8.8	15.4		<0.3		0.42	1.82	99.3			TJ Mining Inc.	11890102
BCSB-169	SP2	3/4/97		0		4.70	8.8	15.4		<0.3		0.42	1.82	99.3			Laurel Land Dev. Inc.	11920110
BCSB-169	2	12/11/97		0		4.80	8.2	14.0		<0.3		0.44	1.38	61.7			TJ Mining Inc.	11890102
BCSB-169	SP2	12/11/97		0		4.80	8.2	14.0		<0.3		0.44	1.38	61.7			Laurel Land Dev. Inc.	11920110
BCSB-169	2	6/17/98		0		4.10	3.4	30.0		<0.3		1.05	3.24	169.0			TJ Mining Inc.	11890102
BCSB-169	SP2	6/17/98		0		4.10	3.4	30.0		<0.3		1.05	3.24	169.0			Laurel Land Dev. Inc.	11920110
BCSB-169	2	12/9/98		0		4.00	2.0	62.0		0.42		2.37	6.59	253.4			TJ Mining Inc.	11890102
BCSB-169	SP2	12/9/98		0		4.00	2.0	62.0		0.42		2.37	6.59	253.4			Laurel Land Dev. Inc.	11920110
BCSB-169	2	3/9/99		0		3.90	0.0	42.0		0.71		0.95	5.24	136.2			TJ Mining Inc.	11890102
BCSB-169	SP2	3/9/99		0		3.90	0.0	42.0		0.71		0.95	5.24	136.2			Laurel Land Dev. Inc.	11920110
BCSB-169	2	6/15/99		0		3.90	0.0	58.0		1.20		3.10	6.48	234.3			TJ Mining Inc.	11890102
BCSB-169	SP2	6/15/99		0		3.90	0.0	58.0		1.20		3.10	6.48	234.3			Laurel Land Dev. Inc.	11920110
BCSB-169	2	11/10/99		0		3.90	0.0	60.0		0.60		1.97	7.47	276.6			TJ Mining Inc.	11890102
BCSB-169	SP2	11/10/99		0		3.90	0.0	60.0		0.60		1.97	7.47	276.6			Laurel Land Dev. Inc.	11920110
BCSB-171	8	6/28/96		0		3.30	0.0	898.0		2.32		8.41	135.00	1543.7			Ebensburg Power Co.	11880201
BCSB-171	8	12/22/97		0		6.00	15.6			0.56		0.48	1.80	53.1			Ebensburg Power Co.	11880201
BCSB-171	8	12/30/99		0		3.70	0.0	564.0		0.48		7.22	92.60	1473.2			Ebensburg Power Co.	11880201
BCSB-171	8	6/28/01															Ebensburg Power Co.	11880201
BCSB-171	8	7/16/02		0		6.40	30.0	33.8		1.71		2.05	2.21	85.8			Ebensburg Power Co.	11880201
BCSB-171	8	10/24/02		0		6.80	36.0			1.46		0.54	1.64	60.7			Ebensburg Power Co.	11880201
BCSB-172	MP18	6/22/99															M.B. Energy, Inc.	11970104
BCSB-172	MP18	7/26/99															M.B. Energy, Inc.	11970104
BCSB-172	MP18	3/22/00		0		4.70	6.8	5.0		<0.3		0.20	<0.50	30.0			M.B. Energy, Inc.	11970104
BCSB-172	MP18	5/30/00		0		5.00	8.6	11.4		0.58		0.54	<0.50	20.7			M.B. Energy, Inc.	11970104
BCSB-172	MP18	9/6/00															M.B. Energy, Inc.	11970104
BCSB-172	MP18	12/6/00															M.B. Energy, Inc.	11970104
BCSB-172	MP18	3/21/01															M.B. Energy, Inc.	11970104
BCSB-172	MP18	5/10/01		0		6.00	11.4			1.25		0.18	0.99	<20.0			M.B. Energy, Inc.	11970104
BCSB-172	MP18	8/8/01															M.B. Energy, Inc.	11970104
BCSB-172	MP18	3/6/02	1	0		4.60	5.2	45.8		<0.3		0.83	0.72	27.6			M.B. Energy, Inc.	11970104
BCSB-173	MP18	4/2/97		0		5.30	8.8	10.4		0.76		0.97	<0.50	28.9			Laurel Land Dev. Inc.	11960108
BCSB-173	MP18	9/16/99															Laurel Land Dev. Inc.	11960108
BCSB-173	MP18	6/13/00															Laurel Land Dev. Inc.	11960108
BCSB-173	MP18	9/8/00															Laurel Land Dev. Inc.	11960108
BCSB-173	MP18	9/18/00															Laurel Land Dev. Inc.	11960108
BCSB-173	MP18	3/20/01															Laurel Land Dev. Inc.	11960108
BCSB-174	MP19	6/22/99															M.B. Energy, Inc.	11970104
BCSB-175	MP20	4/2/97		0		5.80	7.8	1.6		0.34		0.06	<0.50	33.7			Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	6/26/97		0		5.60	10.8	5.6		0.79		0.04	1.11	59.0			Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	12/17/97	1	0		5.80	12.2	1.6		0.06		<0.01	<0.02	50.0			Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	3/16/98	1	0		5.90	11.0	2.4		<0.02		<0.01	<0.02	22.0			Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	6/25/98	1	0		5.50	10.2	3.6		0.03		<0.01	<0.02	32.0			Laurel Land Dev. Inc.	11960108

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-175	MP20	9/16/99															Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	3/7/00		0		5.90	10.8	1.6		<0.02		<0.01	<0.02	151.0			Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	6/13/00															Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	9/8/00															Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	9/18/00															Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	11/6/00															Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	12/14/00	1	0		5.90	13.2			0.07		0.01		362.0			Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	3/20/01		0		6.00	7.6			0.08		0.29		326.0			Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	3/21/01		0		6.20	13.6			<0.3		0.20	<0.50	293.8			Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	12/27/01	1	0		5.90	9.4							330.0			Laurel Land Dev. Inc.	11960108
BCSB-175	MP20	3/23/02		0		6.20	10.0							340.0			Laurel Land Dev. Inc.	11960108
BCSB-176	MP22	6/22/99															M.B. Energy, Inc.	11970104
BCSB-176	MP22	7/26/99															M.B. Energy, Inc.	11970104
BCSB-176	MP22	3/22/00		0		6.30	22.0			<0.3		<0.05	<0.50	45.4			M.B. Energy, Inc.	11970104
BCSB-176	MP22	5/30/00		0		6.70	30.0			<0.3		<0.05	<0.50	24.0			M.B. Energy, Inc.	11970104
BCSB-176	MP22	9/6/00															M.B. Energy, Inc.	11970104
BCSB-176	MP22	12/6/00		0		7.50	110.0			<0.3		<0.05	<0.50	61.2			M.B. Energy, Inc.	11970104
BCSB-176	MP22	5/10/01		0		7.30	72.0			<0.3		<0.05	<0.50	63.0			M.B. Energy, Inc.	11970104
BCSB-176	MP22	8/8/01															M.B. Energy, Inc.	11970104
BCSB-176	MP22	3/6/02		0		7.10	68.0			<0.3		<0.05	<0.50	90.0			M.B. Energy, Inc.	11970104
BCSB-177	MP9	12/16/98		0		4.50	6.2	6.8		<0.3		0.47	0.75	31.0			Laurel Land Dev. Inc.	11970106
BCSB-177	MP9	5/12/99		0		3.70	0.0	76.0		0.93		2.33	9.21	164.0			Laurel Land Dev. Inc.	11970106
BCSB-177	MP9	6/26/00		0		3.20	0.0	206.0		4.88		5.72	26.80	312.4			Laurel Land Dev. Inc.	11970106
BCSB-177	MP9	6/27/01															Laurel Land Dev. Inc.	11970106
BCSB-177	MP9	9/18/01		0		3.00	0.0	806.4		12.80		23.20	97.70	300.0			Laurel Land Dev. Inc.	11970106
BCSB-177	MP9	11/28/01		0		3.50	0.0	212.8		3.32		7.26	31.30	285.1			Laurel Land Dev. Inc.	11970106
BCSB-178	11920110-1	9/30/88	3	1020		2.59	0.0			10.52		4.16		441.0	17		SBBC Proj.	11920110
BCSB-178	11920110-1	10/25/88	4	565		3.23	0.0			9.16		3.12		280.0	3		SBBC Proj.	11920110
BCSB-178	11920110-1	5/28/92	4	1025		3.50	0.0			6.65		2.80		438.0	1		SBBC Proj.	11920110
BCSB-178	11920110-1	6/23/92	4	1050		2.90	0.0			9.13		3.86		629.0	1		SBBC Proj.	11920110
BCSB-178	11920110-1	7/29/92	4	1050		2.90	0.0			12.70		4.41		582.0	5		SBBC Proj.	11920110
BCSB-178	11920110-1	8/19/92	4	1150		2.80	0.0			8.61		3.00		500.0	2		SBBC Proj.	11920110
BCSB-178	11920110-1	9/16/92	4	1200		2.90	0.0			10.70		3.89		582.0	1		SBBC Proj.	11920110
BCSB-178	11920110-1	10/23/92	4	1220		3.01	0.0			16.90		4.71		539.0	2		SBBC Proj.	11920110
BCSB-178	11920110-1	12/8/92	4	1020		2.71	0.0			10.65		2.70		429.0	3		SBBC Proj.	11920110
BCSB-178	11920110-1	3/19/93	165	929		2.90	0.0			8.99		1.65	12.82	290.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	3/29/93	221	651		3.08	0.0			4.20		1.28	5.68	173.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	4/15/93	0	788		3.03	0.0			5.05		1.53	9.21	232.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	4/26/93	8	686		3.04	0.0			3.77		1.28	6.82	205.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	5/5/93	5	680		3.01	0.0			3.41		1.33	7.29	204.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	5/17/93	7	805		2.96	0.0			5.30		1.62	9.39	221.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	6/1/93	1	837		3.04	0.0			5.54		1.79	11.74	246.0	2		SBBC Proj.	11920110
BCSB-178	11920110-1	6/17/93	1	771		3.10	0.0			4.82		1.52	9.24	240.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	6/25/93	4	902		3.10	0.0			3.98		2.02		367.0	0		SBBC Proj.	11920110
BCSB-178	11920110-1	7/23/93	1	901		2.96	0.0			6.30		2.15	15.08	324.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	8/6/93	0	937		2.97	0.0			8.77		2.21	15.90	316.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	8/24/93	7	941		2.92	0.0			6.77		2.92	14.63	318.0	2		SBBC Proj.	11920110
BCSB-178	11920110-1	9/24/93	870	3		2.99	0.0			8.43		3.31	13.72	309.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	9/30/93	3	940		2.85	0.0			8.14		2.22		380.0	1		SBBC Proj.	11920110

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
BCSB-178	11920110-1	10/13/93	0	946		3.09	0.0			8.59		2.21	15.04	331.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	10/25/93	0	1001		2.91	0.0			11.20		2.49	15.92	386.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	11/10/93	0	991		2.96	0.0			10.72		2.22	16.66	363.0	4		SBBC Proj.	11920110
BCSB-178	11920110-1	11/23/93	2	875		2.94	0.0			7.54		1.84	10.50	329.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	12/7/93	3	700		2.99	0.0			3.26		1.40		213.0	1		SBBC Proj.	11920110
BCSB-178	11920110-1	12/13/93	7	703		3.00	0.0			4.69		1.53	7.40	246.0	2		SBBC Proj.	11920110
BCSB-178	11920110-1	12/28/93	1	819		3.04	0.0			5.64		1.78	12.56	307.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	1/5/94	0	989		2.87	0.0			8.30		1.99	13.94	344.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	1/20/94	0	989		2.93	0.0			8.48		2.00	13.72	301.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	3/18/94				4.20	0.0			1.71		0.38	2.29	116.0	<3		SBBC Proj.	11920110
BCSB-178	11920110-1	3/28/94	4	744		3.20	0.0			4.48		1.95		300.0	40		SBBC Proj.	11920110
BCSB-178	11920110-1	6/30/94	4	965		3.00	0.0			4.47		2.77		438.0	0		SBBC Proj.	11920110
BCSB-178	11920110-1	7/21/94				3.10	0.0			6.75		3.73	13.60	143.0	8		SBBC Proj.	11920110
BCSB-178	11920110-1	9/29/94	3	1090		3.00	0.0			5.94		3.46		374.0	1		SBBC Proj.	11920110
BCSB-178	11920110-1	12/13/94	3	660		3.02	0.0			4.50		2.16		256.0	1		SBBC Proj.	11920110
BCSB-178	11920110-1	3/6/95				3.10	0.0			3.16		2.02	9.27	230.0	14		SBBC Proj.	11920110
BCSB-178	11920110-1	3/31/95	13	770		2.91	0.0			4.38		2.70		380.0	1		SBBC Proj.	11920110
BCSB-178	11920110-1	6/30/95	5	900		2.72	0.0			5.05		3.45		274.0	0		SBBC Proj.	11920110
BCSB-178	11920110-1	9/6/95				3.00	0.0			8.69		4.23	15.30	333.0	10		SBBC Proj.	11920110
BCSB-178	11920110-1	12/1/95				3.10	0.0			3.70		2.50	11.70	304.0	<3		SBBC Proj.	11920110
BCSB-178	11920110-1	3/12/96				3.10	0.0			2.02		1.74	8.36	209.0	<3		SBBC Proj.	11920110
BCSB-178	SP1	7/24/96		0		3.10	0.0	122.0		2.98		2.09	10.20	233.8			Laurel Land Dev. Inc.	11920110
BCSB-178	11920110-1	7/24/96				3.10	0.0			2.98		2.09	10.20	234.0	<3		SBBC Proj.	11920110
BCSB-178	11920110-1	9/23/96	50	1010		3.20	0.0			3.83		3.46	10.02	372.0	1		SBBC Proj.	11920110
BCSB-178	11920110-1	6/27/97	12	907		3.00	0.0			3.60		2.78	11.80	345.0	0		SBBC Proj.	11920110
BCSB-178	11920110-1	7/9/97				2.90	0.0			3.74		6.50	<0.50	318.0	<3		SBBC Proj.	11920110
BCSB-178	11920110-1	9/24/97	5	990		3.10	0.0			7.62		4.70	15.20	301.0	12		SBBC Proj.	11920110
BCSB-178	11920110-1	12/17/97		926		3.10	0.0			5.29		2.97	11.30	247.0	<2		SBBC Proj.	11920110
BCSB-178	11920110-1	3/16/98	90	800		3.20	0.0			2.86		2.48	7.97	116.0	<2		SBBC Proj.	11920110
BCSB-178	SP1	6/15/99		0		3.40	0.0	116.0		1.71		2.14	12.40	338.5			Laurel Land Dev. Inc.	11920110
BCSB-178	SP1	8/14/01															Laurel Land Dev. Inc.	11920110
BCSB-180	3	7/24/96		0		3.30	0.0	108.0		1.10		3.12	9.96	292.0			TJ Mining Inc.	11890102
BCSB-180	SP3	7/24/96		0		3.30	0.0	108.0		1.10		3.12	9.96	292.0			Laurel Land Dev. Inc.	11920110
BCSB-180	3	3/4/97		0		3.40	0.0	66.0		<0.3		1.90	4.29	189.8			TJ Mining Inc.	11890102
BCSB-180	SP3	3/4/97		0		3.40	0.0	66.0		<0.3		1.90	4.29	189.8			Laurel Land Dev. Inc.	11920110
BCSB-180	3	12/12/97	3	0		3.30	0.0	88.0		0.35		2.21	6.62	265.2			TJ Mining Inc.	11890102
BCSB-180	SP3	12/12/97	3	0		3.30	0.0	88.0		0.35		2.21	6.62	265.2			Laurel Land Dev. Inc.	11920110
BCSB-180	3	3/4/98		0		3.40	0.0	70.0		<0.3		1.90	4.27	277.6			TJ Mining Inc.	11890102
BCSB-180	SP3	3/4/98		0		3.40	0.0	70.0		<0.3		1.90	4.27	277.6			Laurel Land Dev. Inc.	11920110
BCSB-180	3	12/9/98		0		3.50	0.0	112.0		1.39		2.51	11.40	342.8			TJ Mining Inc.	11890102
BCSB-180	SP3	12/9/98		0		3.50	0.0	112.0		1.39		2.51	11.40	342.8			Laurel Land Dev. Inc.	11920110
BCSB-180	3	3/9/99		0		3.30	0.0	108.0		0.63		2.95	11.40	203.7			TJ Mining Inc.	11890102
BCSB-180	SP3	3/9/99		0		3.30	0.0	108.0		0.63		2.95	11.40	203.7			Laurel Land Dev. Inc.	11920110
BCSB-180	3	6/15/99		0		3.30	0.0	126.0		1.66		2.23	12.50	324.6			TJ Mining Inc.	11890102
BCSB-180	SP3	6/15/99		0		3.30	0.0	126.0		1.66		2.23	12.50	324.6			Laurel Land Dev. Inc.	11920110
BCSB-180	3	9/16/99	0														TJ Mining Inc.	11890102
BCSB-180	SP3	9/16/99															Laurel Land Dev. Inc.	11920110
BCSB-180	3	8/14/01															TJ Mining Inc.	11890102
BCSB-180	SP3	8/14/01															Laurel Land Dev. Inc.	11920110

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.												
BCSB-185	11	3/4/97		0		4.70	7.6	9.2		<0.3		0.23	<0.50	<20.0			TJ Mining Inc.	11890102
BCSB-185	11	11/10/99		0		4.90	9.4	5.6		<0.3		0.15	<0.50	21.6			TJ Mining Inc.	11890102
BCSB-187	5B	6/6/00		0		3.70	0.0	52.0		<0.3		1.61	4.82	213.0			Laurel Land Dev. Inc.	11980103
BCSB-187	5B	3/7/02	10	0		2.90	0.0	220.0		3.43		2.45	20.80	312.4			Laurel Land Dev. Inc.	11980103
BCSB-188	KBLCOA	1/12/00				4.50	0.0		34.0	0.59	0.23	4.55	0.90	95.0	8		Stream Team	
BCSB-188	KBLCOA	4/12/00				4.20	0.0		28.0	0.76	0.29	3.34	0.61	86.0	22		Stream Team	
BCSB-189	CPR-11	7/24/02	9			3.30	0.0		148.0	2.87		3.94	16.30	473.1	<3		Coalpit Run Proj.	
BCSB-189	CPR-11	8/14/02	8			3.20	0.0		178.0	3.60		4.03	19.00	726.8	<3		Coalpit Run Proj.	
BCSB-189	CPR-11	11/25/02	12			3.20	0.0		159.8	1.68		3.75	18.90	295.0	12		Coalpit Run Proj.	
BCSB-189	CPR-11	12/17/02	10			3.20	0.0		159.4	1.77		3.71	19.70	397.5	<3		Coalpit Run Proj.	
BCSB-189	CPR-11	1/14/03	13			3.30	0.0		134.2	1.26		2.80	13.00	306.2	<3		Coalpit Run Proj.	
DEP-TL-10	DEP-TL-10	5/28/99	17081	7		7.88	80.0	4.1		0.76	0.07	0.14	0.45	146.0	<2		Twolick Study- PADEP	
DEP-TL-11	DEP-TL-11	5/28/99	18032	7		7.50	66.0	8.1		1.79	0.46	0.22	0.81	140.0	<2		Twolick Study- PADEP	
DEP-TL-DIS	DEP-TL-DIS	5/28/99		3		3.45	0.0	168.0		12.90	0.22	1.50	14.30	267.0	<2		Twolick Study- PADEP	
DEP-TL-UNT	DEP-TL-UNT	5/28/99	242	4		3.95	0.0	31.4		0.66	0.29	2.06	3.86	200.0	<2		Twolick Study- PADEP	
KBLAC1	KBLAC1	4/25/02				5.10	1.6		38.8	4.30	3.63	1.88	0.50	105.0	44		Stream Team	
KBLAC1	KBLAC1	7/22/02				3.80	0.0	8.0	66.0	0.45	0.10	2.94	1.29	537.0	2		Stream Team	
KBLCHE	KBLCHE	5/25/99				6.70	46.0		0.0	2.10	0.33	0.81	0.22	54.0			Stream Team	
KBLSB3	KBLSB3	5/27/99				2.90	0.0	144.0	350.0	23.30	3.24	25.90	2.68	491.0	10		Stream Team	
KBLTL1	KBLTL1	5/20/99				5.30	3.2		10.0	34.10	1.32	0.54	0.65	189.0	4		Stream Team	
KBLTL1	KBLTL1	11/5/02				6.30	22.0		38.2	2.49	1.33	<0.02	0.41	249.7	10		Stream Team	
KBLTL1	KBLTL1	1/30/03				6.10	25.6		16.2	2.65	2.54	0.38	0.21	102.4	2		Stream Team	
KBLTL1	KBLTL1	6/24/03				6.40	19.6		36.6	2.10	1.55	0.44	<0.02	205.1	<2		Stream Team	
LBC-001	BCS-4772	10/17/73	5			2.70	0.0	440.0		1160.80	1120.00			724.0			Blacklick Scarlift	
LBC-001	BCS-4772	11/19/73	10			2.90	0.0	48.0		20.00	0.00			701.0			Blacklick Scarlift	
LBC-001	BCS-4772	12/17/73	27			2.80	0.0	400.0		16.00	0.00			1900.0			Blacklick Scarlift	
LBC-001	BCS-4772	1/22/74	47			2.80	0.0	400.0		16.40	0.00			450.0			Blacklick Scarlift	
LBC-001	BCS-4772	2/8/74	20			2.80	0.0	268.0		14.70	0.00			575.0			Blacklick Scarlift	
LBC-001	BCS-4772	3/6/74	20			2.70	0.0	302.0		7.30	0.00			400.0			Blacklick Scarlift	
LBC-001	BCS-4772	4/3/74	20			2.80	0.0	300.0		17.10	0.00			425.0			Blacklick Scarlift	
LBC-001	BCS-4772	5/1/74	16			2.90	0.0	340.0		8.80	0.00			600.0			Blacklick Scarlift	
LBC-001	BCS-4772	9/4/74	58			2.70	0.0	1000.0		16.00	1.10			975.0			Blacklick Scarlift	
LBC-002	BCS-4773	10/17/73	5			3.30	0.0	152.0		1.80	0.00			602.0			Blacklick Scarlift	
LBC-002	BCS-4773	11/19/73	9			3.30	0.0	160.0		1.00	0.00			875.0			Blacklick Scarlift	
LBC-002	BCS-4773	12/17/73	57			3.20	0.0	176.0		1.00	0.00			725.0			Blacklick Scarlift	
LBC-002	BCS-4773	1/22/74	221			3.30	0.0	126.0		1.20	0.00			450.0			Blacklick Scarlift	
LBC-002	BCS-4773	2/8/74	24			3.30	0.0	100.0		1.00	0.00			400.0			Blacklick Scarlift	
LBC-002	BCS-4773	3/6/74	34			3.10	0.0	148.0		0.80	0.00			350.0			Blacklick Scarlift	
LBC-002	BCS-4773	4/3/74	60			3.20	0.0	186.0		5.50	0.00			700.0			Blacklick Scarlift	
LBC-002	BCS-4773	5/1/74	39			3.30	0.0	120.0		0.60	0.00			775.0			Blacklick Scarlift	
LBC-002	BCS-4773	9/4/74	9			3.30	0.0	130.0		1.00	0.00			725.0			Blacklick Scarlift	
LBC-003	BCS-4774	10/18/73	0			3.00	0.0	26.0		20.00	3.40			325.0			Blacklick Scarlift	
LBC-003	BCS-4774	11/19/73	1			3.10	0.0	26.0		8.80	0.00			275.0			Blacklick Scarlift	
LBC-003	BCS-4774	12/17/73	4			3.10	0.0	270.0		5.40	0.00			400.0			Blacklick Scarlift	
LBC-003	BCS-4774	1/22/74	22			3.20	0.0	140.0		3.00	0.00			225.0			Blacklick Scarlift	
LBC-003	BCS-4774	2/8/74	14			3.20	0.0	130.0		3.20	0.00			275.0			Blacklick Scarlift	
LBC-003	BCS-4774	3/6/74	7			3.00	0.0	176.0		2.10	0.00			225.0			Blacklick Scarlift	
LBC-003	BCS-4774	4/3/74	13			3.10	0.0	140.0		7.70	0.00			275.0			Blacklick Scarlift	
LBC-003	BCS-4774	5/1/74	8														Blacklick Scarlift	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
LBC-003	BCS-4774	6/11/74	5			3.20	0.0	138.0		3.60	0.00			350.0			Blacklick Scarlift	
LBC-003	BCS-4774	7/19/74	4			2.90	0.0	170.0		2.80	2.20			400.0			Blacklick Scarlift	
LBC-003	BCS-4774	8/12/74	1			3.00	0.0	400.0		4.60	0.00			425.0			Blacklick Scarlift	
LBC-003	BCS-4774	9/4/74	2			3.20	0.0	164.0		5.10	0.00			425.0			Blacklick Scarlift	
LBC-004	BCS-4800	10/18/73				3.00	0.0	246.0		22.50	11.20			324.0			Blacklick Scarlift	
LBC-004	BCS-4800	11/19/73				3.20	0.0	26.0		1.80	0.00			401.0			Blacklick Scarlift	
LBC-004	BCS-4800	12/17/73	1			2.80	0.0	860.0		33.60	0.00			800.0			Blacklick Scarlift	
LBC-004	BCS-4800	1/22/74	12			2.70	0.0	200.0		33.30	0.00			600.0			Blacklick Scarlift	
LBC-004	BCS-4800	2/8/74	2			2.80	0.0	400.0		24.70	0.00			475.0			Blacklick Scarlift	
LBC-004	BCS-4800	3/6/74	1			2.70	0.0	442.0		20.00	0.00			475.0			Blacklick Scarlift	
LBC-004	BCS-4800	4/3/74	4			2.70	0.0	400.0		30.40	1.10			875.0			Blacklick Scarlift	
LBC-004	BCS-4800	5/1/74	1			2.80	0.0	460.0		23.70	0.00			950.0			Blacklick Scarlift	
LBC-004	BCS-4800	9/4/74	0														Blacklick Scarlift	
LBC-005	BCS-4902	10/23/73	2			3.30	0.0	180.0		20.00	6.70			398.0			Blacklick Scarlift	
LBC-005	BCS-4902	11/16/73				3.30	0.0	16.0		7.90	0.00			401.0			Blacklick Scarlift	
LBC-005	BCS-4902	12/18/73	22			3.80	0.0	320.0		5.80	0.00			825.0			Blacklick Scarlift	
LBC-005	BCS-4902	1/22/74	38			3.20	0.0	216.0		6.20	0.00			450.0			Blacklick Scarlift	
LBC-005	BCS-4902	2/11/74	13			3.20	0.0	226.0		14.70	9.00			425.0			Blacklick Scarlift	
LBC-005	BCS-4902	3/6/74	14			3.30	0.0	146.0		3.90	0.00			325.0			Blacklick Scarlift	
LBC-005	BCS-4902	4/3/74	19			3.20	0.0	154.0		11.20	1.10			525.0			Blacklick Scarlift	
LBC-005	BCS-4902	5/1/74	8			3.90	0.0	1140.0		4.80	2.20			575.0			Blacklick Scarlift	
LBC-005	BCS-4902	6/11/74	7			3.30	0.0	240.0		11.80	6.70			675.0			Blacklick Scarlift	
LBC-006	BCS-4905	11/16/73	1			2.90	0.0	94.0		57.80	0.00			1375.0			Blacklick Scarlift	
LBC-006	BCS-4905	12/18/73	1			2.90	0.0	940.0		44.30	0.00			875.0			Blacklick Scarlift	
LBC-006	BCS-4905	1/22/74	13			2.80	0.0	500.0		34.50	0.00			800.0			Blacklick Scarlift	
LBC-006	BCS-4905	2/11/74	5			2.80	0.0	400.0		33.30	0.00			675.0			Blacklick Scarlift	
LBC-006	BCS-4905	3/6/74	7			2.70	0.0	394.0		26.90	0.00			550.0			Blacklick Scarlift	
LBC-006	BCS-4905	4/3/74	17			2.70	0.0	200.0		32.90	0.00			825.0			Blacklick Scarlift	
LBC-006	BCS-4905	5/1/74	5			2.90	0.0	480.0		25.90	0.00			1075.0			Blacklick Scarlift	
LBC-006	BCS-4905	6/11/74	8			2.90	0.0	550.0		29.20	0.00			1050.0			Blacklick Scarlift	
LBC-007	BCS-4906	10/22/73	3			2.90	0.0	900.0		26.00	0.00			1024.0			Blacklick Scarlift	
LBC-007	BCS-4906	11/16/73	8			3.00	0.0	52.0		23.20	0.00			1775.0			Blacklick Scarlift	
LBC-007	BCS-4906	12/18/73	30			3.00	0.0	660.0		13.20	0.00			875.0			Blacklick Scarlift	
LBC-007	BCS-4906	1/22/74	100			3.00	0.0	400.0		6.40	0.00			900.0			Blacklick Scarlift	
LBC-007	BCS-4906	2/11/74	50			3.10	0.0	228.0		6.80	5.60			625.0			Blacklick Scarlift	
LBC-007	BCS-4906	3/6/74	43			2.90	0.0	376.0		8.10	0.00			850.0			Blacklick Scarlift	
LBC-007	BCS-4906	4/3/74	50			3.10	0.0	340.0		9.60	0.00			900.0			Blacklick Scarlift	
LBC-007	BCS-4906	5/1/74	27			3.20	0.0	272.0		5.90	0.00			1025.0			Blacklick Scarlift	
LBC-007	BCS-4906	6/11/74	43			3.10	0.0	320.0		6.60	0.00			850.0			Blacklick Scarlift	
LBC-007	BCS-4906	7/19/74	25			2.80	0.0	308.0		9.20	9.00			1275.0			Blacklick Scarlift	
LBC-007	BCS-4906	8/12/74	8			3.10	0.0	324.0		9.80	0.00			1100.0			Blacklick Scarlift	
LBC-007	BCS-4906	9/4/74	30			3.30	0.0	160.0		4.30	0.00			725.0			Blacklick Scarlift	
LBC-008	BCS-4910	10/18/73	3			2.90	0.0	460.0		48.60	3.40			973.0			Blacklick Scarlift	
LBC-008	BCS-4910	11/19/73	9			3.00	0.0	52.0		53.10	0.80			851.0			Blacklick Scarlift	
LBC-008	BCS-4910	12/17/73	20			2.90	0.0	800.0		35.50	0.00			700.0			Blacklick Scarlift	
LBC-008	BCS-4910	1/22/74	34			2.80	0.0	300.0		33.30	3.40			5500.0			Blacklick Scarlift	
LBC-008	BCS-4910	2/8/74	24			2.90	0.0	408.0		31.10	13.40			425.0			Blacklick Scarlift	
LBC-008	BCS-4910	3/6/74	29			2.80	0.0	422.0		26.90	5.60		32.30	575.0			Blacklick Scarlift	
LBC-008	BCS-4910	4/3/74	22			2.80	0.0	400.0		38.10	2.20			600.0			Blacklick Scarlift	



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH	S.U.			Acidity (mg/l)									
LBC-008	BCS-4910	5/1/74	12			2.90	0.0	440.0		35.60	4.50			925.0			Blacklick Scarlift	
LBC-008	BCS-4910	6/11/74	12			2.90	0.0	550.0		40.50	5.60			700.0			Blacklick Scarlift	
LBC-008	BCS-4910	7/19/74	12			2.60	0.0	30.0		36.10	16.80			950.0			Blacklick Scarlift	
LBC-008	BCS-4910	8/12/74	5			2.90	0.0	1100.0		48.60	3.40			975.0			Blacklick Scarlift	
LBC-008	BCS-4910	9/4/74	10			2.90	0.0	1100.0		30.20	11.20			925.0			Blacklick Scarlift	
LBC-010	BCS-4903	10/23/73	2			2.90	0.0	900.0		38.70	4.50			726.0			Blacklick Scarlift	
LBC-010	BCS-4903	11/16/73	5			3.00	0.0	44.0		31.50	0.00			851.0			Blacklick Scarlift	
LBC-010	BCS-4903	12/18/73	9			2.90	0.0	640.0		25.60	0.00			1100.0			Blacklick Scarlift	
LBC-010	BCS-4903	1/22/74	14			2.90	0.0	300.0		25.60	0.00			675.0			Blacklick Scarlift	
LBC-010	BCS-4903	2/11/74	12			2.90	0.0	400.0		13.40	0.00			475.0			Blacklick Scarlift	
LBC-010	BCS-4903	3/6/74	12			2.80	0.0	356.0		17.00	0.00			575.0			Blacklick Scarlift	
LBC-010	BCS-4903	4/3/74	15			2.80	0.0	300.0		20.00	0.00			600.0			Blacklick Scarlift	
LBC-010	BCS-4903	5/1/74	14			2.90	0.0	356.0		16.70	0.00			950.0			Blacklick Scarlift	
LBC-010	BCS-4903	6/11/74	12			2.90	0.0	500.0		18.80	5.60			875.0			Blacklick Scarlift	
LBC-012	800549	6/1/02		900		4.93	1.0	11.0		2.14		0.88	1.51	282.0	16		ICCD - Multi County	
LBC-013	601402	6/1/02		1210		7.84	82.0	1.0		0.05		0.05	0.10	358.0	6		ICCD - Multi County	
LBC-014	601403	6/1/02		300		7.63	60.0	1.0		0.16		0.03	0.16	51.0	5		ICCD - Multi County	
LBC-015	601442	6/1/02	561	250		6.81	60.0	1.0		0.32		0.07	0.23	52.0	9		ICCD - Multi County	
LBC-016	601443	6/1/02	234	325		6.80	116.0	1.0		0.58		0.08	0.46	22.7	12		ICCD - Multi County	
LTLC-001	LT-6	6/26/03	389	1473		3.23	0.0	142.9		10.59		6.25	11.35	784.2	26	1292	BCWA Assessment-IUP	
LTLC-001	LT-6	8/20/03	299	1459		3.29	0.0	124.8		15.21		7.11	10.90	809.8	18	1250	BCWA Assessment-IUP	
LTLC-001	LT-6	9/27/03	239	1428		3.30	0.0	139.7		13.23		6.61	11.13	761.1	22	1292	BCWA Assessment-IUP	
LTLC-001	LT-6	10/25/03	602	1441		3.38	0.0	124.0		17.23		6.46	9.26	758.5	8	1252	BCWA Assessment-IUP	
LTLC-001	LT-6	12/5/03	299	1418		3.37	0.0	139.1		15.68		6.36	10.39	746.0	6	1142	BCWA Assessment-IUP	
LTLC-001	LT-6	1/2/04	543	1402		3.45	0.0	128.5		19.13		6.13	8.23	681.2	-2	1084	BCWA Assessment-IUP	
LTLC-001	LT-6	2/28/04	53	113		4.64	-1.0	13.7		0.22		0.32	0.39	35.9	-2	74	BCWA Assessment-IUP	
LTLC-001	LT-6	3/26/04	274	93		4.85	1.2	7.5		0.97		0.28	-0.10	34.2	-2	60	BCWA Assessment-IUP	
LTLC-001	LT-6	4/16/04	274	1324		3.40	0.0	71.3		22.48		5.21	0.56	677.7	28	1082	BCWA Assessment-IUP	
LTLC-012	LT-7	6/27/03	303	1056		5.95	10.9	143.3		35.43		1.44	-0.10	503.7	34	610	BCWA Assessment-IUP	
LTLC-012	LT-7	7/30/03	658	1053		5.54	9.9	39.0		48.54		1.66	0.19	490.9	18	914	BCWA Assessment-IUP	
LTLC-012	LT-7	8/19/03	818	1053		5.80	22.2	45.1		47.63		1.75	0.34	472.2	30	852	BCWA Assessment-IUP	
LTLC-012	LT-7	9/27/03	613	1059		5.99	40.7	60.5		45.27		1.64	0.43	510.8	44	882	BCWA Assessment-IUP	
LTLC-012	LT-7	10/25/03	915	1053		6.31	48.5	76.9		42.45		1.65	0.27	474.1	32	870	BCWA Assessment-IUP	
LTLC-012	LT-7	12/5/03	817	1048		6.26	71.6	119.7		47.53		1.60	0.95	493.0	40	804	BCWA Assessment-IUP	
LTLC-012	LT-7	1/2/04	524	1055		6.26	59.4	107.1		50.74		1.50	0.28	510.2	18	798	BCWA Assessment-IUP	
LTLC-012	LT-7	2/28/04	808	1107		6.17	74.8	108.7		39.35		1.43	0.49	487.4	36	864	BCWA Assessment-IUP	
LTLC-012	LT-7	3/26/04	474	1051		6.28	69.9	93.3		45.90		1.43	0.10	494.4	28	794	BCWA Assessment-IUP	
LTLC-012	LT-7	4/19/04	603	1046		6.18	36.9	60.7		45.26		1.62	-0.10	452.2	52	854	BCWA Assessment-IUP	
LTLC-012	LT-7	5/13/04	496	1048		5.90	36.1	59.5		49.07		1.70	-0.10	531.5	42	936	BCWA Assessment-IUP	
LTLC-014	LT-8	6/27/03	791	1164		3.07	0.0	131.6		29.60		1.85	8.61	488.1	28	794	BCWA Assessment-IUP	
LTLC-014	LT-8	7/30/03	979	1140		3.11	0.0	123.8		33.10		2.16	8.24	463.2	4	862	BCWA Assessment-IUP	
LTLC-014	LT-8	8/19/03	994	1144		3.10	0.0	121.6		35.33		2.07	8.29	472.2	38	766	BCWA Assessment-IUP	
LTLC-014	LT-8	9/27/03	310	1112		3.17	0.0	115.7		34.47		2.02	6.97	434.6	46	740	BCWA Assessment-IUP	
LTLC-014	LT-8	10/25/03	314	1123		3.22	0.0	131.6		27.50		2.03	8.00	440.4	16	800	BCWA Assessment-IUP	
LTLC-014	LT-8	12/5/03	310	1163		3.24	0.0	172.9		32.64		2.03	10.77	524.0	4	728	BCWA Assessment-IUP	
LTLC-014	LT-8	12/31/03	477	1165		3.19	0.0	157.6		30.26		1.93	8.95	488.4	-2	658	BCWA Assessment-IUP	
LTLC-014	LT-8	2/28/04	156	1154		3.13	0.0	189.7		29.70		1.91	12.81	495.6	-2	848	BCWA Assessment-IUP	
LTLC-014	LT-8	3/26/04	222	1128		3.24	0.0	153.7		29.00		1.83	10.62	443.7	6	640	BCWA Assessment-IUP	
LTLC-014	LT-8	4/16/04	1482	1046		3.07	0.0	132.7		26.99		1.94	9.02	396.8	40	744	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LTLC-014	LT-8	5/13/04	609	1090		3.16	0.0	125.7		34.11		2.19	8.12	466.8	14	834	BCWA Assessment-IUP	
LTLC-020	501315	6/1/02		700		6.10	19.6	1.0		4.77		1.02	0.66	37.6	197		ICCD - Multi County	
LTLC-021	601375	6/1/02	100	515		5.27	2.8	2.0		0.24		1.55	0.69	235.0	17		ICCD - Multi County	
LTLC-022	601376	6/1/02	500	1170		6.98	63.0	1.0		2.53		0.39	0.36	522.0	21		ICCD - Multi County	
LTLC-024	601035	6/1/02	2246	540		4.46	1.0	23.2		6.60		1.37	4.22	219.0	31		ICCD - Multi County	
LTLC-025	401218	6/1/02	4847	300		6.85	32.4	1.0		0.15		0.04	0.16	29.1	10		ICCD - Multi County	
LTLC-026	401219	6/1/02		300		6.80	23.6	1.0		0.11		0.32	0.01	77.0	3		ICCD - Multi County	
LTLC-027	601366	6/1/02	4	1100		3.85	1.0	49.2		0.88		7.10	6.61	565.0	42		ICCD - Multi County	
LTLC-028	601367	6/1/02	12	640		4.23	1.0	13.6		0.05		1.35	1.68	300.0	9		ICCD - Multi County	
LTLC-029	601368	6/1/02	5	705		3.73	1.0	24.8		0.40		9.40	1.64	360.0	1		ICCD - Multi County	
LTLC-030	601369	6/1/02	15	840		3.97	1.0	24.0		0.16		1.42	3.35	340.0	2		ICCD - Multi County	
LTLC-031	601370	6/1/02	17	1520		2.79	1.0	125.0		6.20		8.90	8.31	598.0	5		ICCD - Multi County	
LTLC-032	601371	6/1/02	200	1010		6.70	20.8	1.0		1.64		0.24	0.27	448.0	10		ICCD - Multi County	
LTLC-033	601372	6/1/02	20	990		3.64	1.0	31.2		0.26		12.40	0.33	468.0	6		ICCD - Multi County	
LTLC-034	601373	6/1/02	1436	840		4.96	2.0	7.6		0.15		0.85	0.71	411.0	7		ICCD - Multi County	
LTLC-034	LT-2	6/30/03	485	596		4.68	-1.0	20.3		0.10		1.32	1.29	246.0	8	454	BCWA Assessment-IUP	
LTLC-034	LT-2	7/30/03	905	526		4.57	-1.0	15.7		-0.04		1.13	0.43	195.0	-2	384	BCWA Assessment-IUP	
LTLC-034	LT-2	8/21/03	1198	550		4.59	-1.0	13.7		0.06		1.38	0.91	227.3	-2	410	BCWA Assessment-IUP	
LTLC-034	LT-2	9/28/03	3592	408		6.29	9.9	4.0		0.19		0.79	0.62	145.6	2	290	BCWA Assessment-IUP	
LTLC-034	LT-2	10/24/03	769	600		4.71	-1.0	17.6		0.27		1.52	1.62	283.3	-2	444	BCWA Assessment-IUP	
LTLC-034	LT-2	12/7/03	4041	453		5.82	4.2	23.9		0.19		1.03	1.63	196.7	-2	312	BCWA Assessment-IUP	
LTLC-034	LT-2	1/2/04	4337	313		6.43	6.0	3.2		0.28		0.61	0.90	105.2	4	180	BCWA Assessment-IUP	
LTLC-034	LT-2	2/4/04	4337	765		4.59	-1.0	44.8		-0.04		1.20	2.87	389.6	6	556	BCWA Assessment-IUP	
LTLC-034	LT-2	2/29/04	2200	570		4.63	-1.0	31.7		0.25		0.98	2.30	220.4	-2	420	BCWA Assessment-IUP	
LTLC-034	LT-2	3/27/04	3808	591		4.58	-1.0	21.3		0.23		0.79	1.73	249.2	-2	402	BCWA Assessment-IUP	
LTLC-034	LT-2	4/17/04	1913	423		4.62	-1.0	13.9		0.17		0.74	0.84	173.2	10	288	BCWA Assessment-IUP	
LTLC-034	LT-2	5/14/04	968	727		4.68	-1.0	23.1		0.10		1.09	1.48	350.3	2	638	BCWA Assessment-IUP	
LTLC-037	501316	6/1/02	40	1600		5.94	92.0	1.0		7.30		2.47	0.10	300.0	24		ICCD - Multi County	
LTLC-038	501314	6/1/02	200	425		7.24	65.0	1.0		0.03		0.02	0.10	54.5	3		ICCD - Multi County	
LTLC-039	501390	6/1/02		0		7.37	0.0	0.0		0.00		0.00	0.00	0.0	8		ICCD - Multi County	
LTLC-040	501389	6/1/02	2000	1400		4.19	1.0	283.0		113.80		4.78	21.90	748.0	12		ICCD - Multi County	
LTLC-041	KBLCOR	5/20/99				6.10	12.2		0.0	0.30	0.16	0.51	1.35	247.0	18		Stream Team	
LTLC-042	KBLPH1	4/4/02				6.20	36.0		83.2	58.20	55.45	0.40	1.02	362.0	14		Stream Team	
LTLC-042	KBLPH1	4/18/02				5.90	32.0		60.4	41.90	30.83	0.32	0.89	338.0	12		Stream Team	
LTLC-042	KBLPH1	4/30/02				6.10	36.0		96.4	51.20	35.67	0.47	1.06	417.0	22		Stream Team	
LTLC-042	KBLPH1	5/16/02				6.20	30.0		79.6	46.50	31.42	0.59	1.12	360.0	24		Stream Team	
LTLC-042	KBLPH1	5/31/02				5.80	17.2		110.4	66.30	54.38	1.10	1.23	411.0	50		Stream Team	
LTLC-042	KBLPH1	6/10/02				6.10	32.0		101.0	63.40	58.02	0.91	1.17	377.0	22		Stream Team	
LTLC-042	KBLPH1	6/27/02				6.10	30.0		101.0	61.50	51.84	0.64	1.18	409.0	26		Stream Team	
LTLC-042	KBLPH1	7/9/02		900		6.00	38.0		95.8	58.80	46.79	1.21	1.03	475.0	14		Stream Team	
LTLC-042	KBLPH1	7/22/02				5.90	30.0		92.0	58.10	44.99	0.79	1.05	519.0	14		Stream Team	
LTLC-042	KBLPH1	11/5/02				5.90	48.0		125.2	77.80	63.38	1.26	0.93	435.9	8		Stream Team	
LTLC-042	KBLPH1	1/17/03				6.00	68.6		83.2	62.90	58.99	0.85	0.73	451.5	10		Stream Team	
LTLC-042	KBLPH1	2/26/03				6.00	60.4		88.6	67.30	54.89	1.00	0.89	478.4	8		Stream Team	
LTLC-042	KBLPH1	3/18/03				6.10	64.0		80.8	60.60	37.08	0.87	0.48	388.0	6		Stream Team	
LTLC-042	KBLPH1	4/24/03				6.00	65.4		77.6	62.10	51.48	1.05	0.51	446.4	<2		Stream Team	
LTLC-042	KBLPH1	5/29/03				5.90	61.2		101.6	65.50	65.49	0.98	1.27	427.4	14		Stream Team	
LTLC-042	KBLPH1	6/24/03				6.00	70.0		88.6	64.60	42.59	1.11	0.75	566.2	8		Stream Team	
LTLC-042	KBLPH1	7/31/03				6.00	67.2		100.0	62.80	49.73	0.94	0.67	475.2	8		Stream Team	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.												
LTLC-042	KBLPH1	9/24/03				6.10	66.2		91.4	60.00	57.84	0.92	0.41	407.9	6		Stream Team	
LTLC-042	KBLPH1	10/27/03				6.00	68.6		89.4	60.80	54.84	0.92	0.53	401.1	6		Stream Team	
LTLC-042	KBLPH1	11/26/03				6.10	66.6		83.0	58.50	19.00	0.87	0.45	349.8	12		Stream Team	
LTLC-043	KBLPH4	4/4/02				7.60	212.0		0.0	0.16	0.13	0.20	0.31	194.0	4		Stream Team	
LTLC-043	KBLPH4	4/18/02				7.40	292.0		0.0	0.17	0.08	0.20	0.36	183.0	20		Stream Team	
LTLC-043	KBLPH4	4/30/02				7.50	340.0		0.0	0.12	0.17	0.20	0.33	142.0	6		Stream Team	
LTLC-043	KBLPH4	5/16/02				7.60	238.0		0.0	0.15	0.23	0.20	0.33	73.3	4		Stream Team	
LTLC-043	KBLPH4	5/31/02				7.30	344.0		0.0	0.19	0.07	0.20	0.42	88.9	20		Stream Team	
LTLC-043	KBLPH4	6/10/02				7.30	272.0		0.0	0.06	0.19	0.20	0.42	106.0	4		Stream Team	
LTLC-043	KBLPH4	6/27/02				7.10	352.0		0.0	0.06	0.03	0.20	0.70	99.1	10		Stream Team	
LTLC-043	KBLPH4	7/9/02				7.30	318.0		0.0	0.05	0.02	0.20	0.98	170.0	2		Stream Team	
LTLC-043	KBLPH4	7/22/02				7.00	362.0		0.0	0.03	0.02	0.20	0.90	144.0	2		Stream Team	
LTLC-043	KBLPH4	11/5/02				7.30	148.0		0.0	0.06	0.02	<0.02	0.01	324.4	8		Stream Team	
LTLC-043	KBLPH4	1/17/03				7.10	90.4		0.0	0.05	0.05	1.50	<0.02	276.7	<2		Stream Team	
LTLC-043	KBLPH4	2/26/03				7.10	129.8		0.0	0.24	0.07	1.69	<0.02	359.9	12		Stream Team	
LTLC-043	KBLPH4	3/18/03				7.30	114.2		0.0	0.04	<0.02	1.10	<0.02	211.8	8		Stream Team	
LTLC-043	KBLPH4	4/24/03				7.20	220.4		0.0	<0.04	<0.02	1.37	<0.02	192.8	<2		Stream Team	
LTLC-043	KBLPH4	5/29/03				7.20	256.2		0.0	0.04	<0.02	1.17	<0.02	147.9	2		Stream Team	
LTLC-043	KBLPH4	6/24/03				7.20	262.0		0.0	0.05	0.14	1.25	<0.02	154.9	6		Stream Team	
LTLC-043	KBLPH4	7/31/03				7.30	248.6		0.0	<0.02	0.04	0.87	<0.02	96.5	6		Stream Team	
LTLC-043	KBLPH4	9/24/03				7.20	208.2		0.0	0.03	0.04	1.13	<0.02	246.8	<2		Stream Team	
LTLC-043	KBLPH4	10/27/03				7.30	183.4		0.0	0.05	0.08	1.06	<0.02	266.2	6		Stream Team	
LTLC-043	KBLPH4	11/26/03				7.70	99.2		0.0	<0.02	0.02	0.79	<0.02				Stream Team	
LTLC-044	KBLPH5	4/4/02				7.80	134.0		0.0	0.05	0.03	0.20	0.39	293.0	2		Stream Team	
LTLC-044	KBLPH5	4/18/02				8.00	176.0		0.0	0.10	0.04	0.20	0.43	298.0	2		Stream Team	
LTLC-044	KBLPH5	4/30/02				7.90	340.0		0.0	0.10	0.12	0.20	0.48	176.0	6		Stream Team	
LTLC-044	KBLPH5	5/16/02				7.90	220.0		0.0	0.05	0.14	0.20	0.47	222.0	2		Stream Team	
LTLC-044	KBLPH5	5/31/02				7.50	338.0		0.0	0.08	0.06	0.20	0.52	153.0	28		Stream Team	
LTLC-044	KBLPH5	6/10/02				7.50	242.0		0.0	0.04	0.10	0.20	0.75	244.0	6		Stream Team	
LTLC-044	KBLPH5	6/27/02				7.30	382.0		0.0	0.04	0.03	0.20	0.86	126.0	8		Stream Team	
LTLC-044	KBLPH5	7/9/02				7.20	348.0		0.0	0.03	0.02	0.20	1.09	177.0	2		Stream Team	
LTLC-044	KBLPH5	7/22/02				7.10	372.0		0.0	0.07	0.03	0.20	1.18	155.0	2		Stream Team	
LTLC-044	KBLPH5	11/5/02				7.20	232.0		0.0	0.05	0.06	<0.02	1.38	239.7	<2		Stream Team	
LTLC-044	KBLPH5	1/17/03				7.30	127.2		0.0	0.02	<0.02	1.37	<0.02	277.2	8		Stream Team	
LTLC-044	KBLPH5	2/26/03				7.20	150.8		0.0	0.16	<0.02	1.78	<0.02	391.6	10		Stream Team	
LTLC-044	KBLPH5	3/18/03				7.20	127.8		0.0	0.05	<0.02	1.46	<0.02	316.8	2		Stream Team	
LTLC-044	KBLPH5	4/24/03				7.40	169.2		0.0	0.02	<0.02	1.72	<0.02	306.1	<2		Stream Team	
LTLC-044	KBLPH5	5/29/03				7.20	214.8		0.0	0.04	<0.02	1.46	<0.02	229.9	10		Stream Team	
LTLC-044	KBLPH5	6/24/03				7.20	200.0		0.0	0.04	0.09	1.59	<0.02	316.9	8		Stream Team	
LTLC-044	KBLPH5	7/31/03				7.10	223.4		0.0	<0.02	0.03	1.15	<0.02	171.8	2		Stream Team	
LTLC-044	KBLPH5	9/24/03				7.30	129.4		0.0	0.05	0.04	1.44	<0.02	334.8	2		Stream Team	
LTLC-044	KBLPH5	10/27/03				7.30	156.6		0.0	<0.04	0.05	1.33	<0.02	308.3	<2		Stream Team	
LTLC-044	KBLPH5	11/26/03				7.10	96.2		0.0	0.02	<0.02	0.00	<0.02	288.9	<2		Stream Team	
LTLC-045	KBLPH6	4/4/02				7.30	158.0		0.0	0.31	0.22	0.21	0.54	283.0	28		Stream Team	
LTLC-045	KBLPH6	4/18/02				8.00	254.0		0.0	0.57	0.52	0.53	0.61	291.0	36		Stream Team	
LTLC-045	KBLPH6	4/30/02				8.10	352.0		0.0	1.14	0.68	1.30	0.65	170.0	24		Stream Team	
LTLC-045	KBLPH6	5/16/02				7.90	278.0		0.0	0.79	0.50	1.36	0.55	171.0	14		Stream Team	
LTLC-045	KBLPH6	5/31/02				8.30	330.0		0.0	0.75	0.61	1.04	0.68	134.0	36		Stream Team	
LTLC-045	KBLPH6	6/10/02				7.50	208.0		0.0	0.22	0.24	0.20	0.56	231.0	18		Stream Team	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LTLC-045	KBLPH6	6/27/02				8.20	292.0		0.0	0.19	0.06	0.20	0.71	198.0	28		Stream Team	
LTLC-045	KBLPH6	7/9/02	129	980		7.60	280.0		0.0	0.10	0.02	0.20	0.89	235.0	24		Stream Team	
LTLC-045	KBLPH6	7/22/02				7.40	276.0		0.0	0.06	0.12	0.20	0.92	239.0	22		Stream Team	
LTLC-045	KBLPH6	11/5/02				7.20	138.0		0.0	0.26	0.33	0.26	1.64	385.6	12		Stream Team	
LTLC-045	KBLPH6	1/17/03				7.40	95.2		0.0	0.15	0.12	1.46	<0.02	366.8	2		Stream Team	
LTLC-045	KBLPH6	2/26/03				6.80	0.0			0.34	0.11	2.57	0.56	337.7	16		Stream Team	
LTLC-045	KBLPH6	3/18/03				7.10	96.8		0.0	0.25	<0.02	1.51	<0.02	294.5	22		Stream Team	
LTLC-045	KBLPH6	4/24/03				7.30	126.4		0.0	0.52	0.40	1.74	<0.02	376.0	<2		Stream Team	
LTLC-045	KBLPH6	5/29/03				7.40	137.4		0.0	0.28	0.29	1.50	<0.02	278.9	12		Stream Team	
LTLC-045	KBLPH6	6/24/03				7.70	160.0		0.0	0.10	0.16	1.31	<0.02	273.3	30		Stream Team	
LTLC-045	KBLPH6	7/31/03				8.60	136.2		0.0	0.12	0.10	1.17	<0.02	364.3	46		Stream Team	
LTLC-045	KBLPH6	9/24/03				8.00	117.8		0.0	0.26	0.18	1.37	<0.02	320.1	16		Stream Team	
LTLC-045	KBLPH6	10/27/03				7.90	100.0		0.0	0.95	0.81	1.58	<0.02	339.7	28		Stream Team	
LTLC-045	KBLPH6	11/26/03				7.40	80.0		0.0	0.30	0.21	1.24	<0.02	275.0	2		Stream Team	
LTLC-047	301356	6/1/02	150	1375		2.60	1.0	256.0		31.70		0.99	23.10	450.0	1		ICCD - Multi County	
LTLC-051	601374	6/1/02	100	500		3.23	1.0	41.6		5.80		1.59	2.79	173.0	13		ICCD - Multi County	
LTLC-051	LT-1	6/30/03	160	456		3.41	0.0	56.0		4.40		1.20	1.58	159.5	22	278	BCWA Assessment-IUP	
LTLC-051	LT-1	7/30/03	220	511		3.33	0.0	53.7		4.33		1.32	1.10	178.9	-2	258	BCWA Assessment-IUP	
LTLC-051	LT-1	8/21/03	215	457		3.41	0.0	44.4		3.63		1.27	1.53	167.3	2	214	BCWA Assessment-IUP	
LTLC-051	LT-1	9/28/03	216	437		3.36	0.0	47.3		4.04		1.02	1.72	154.3	4	266	BCWA Assessment-IUP	
LTLC-051	LT-1	10/24/03	191	432		3.47	0.0	48.4		4.63		1.16	1.74	148.3	12	228	BCWA Assessment-IUP	
LTLC-051	LT-1	12/7/03	216	528		3.47	0.0	72.0		3.86		1.29	2.37	191.9	4	278	BCWA Assessment-IUP	
LTLC-051	LT-1	1/2/04	763	515		3.43	0.0	71.7		4.14		1.30	2.13	171.6	-2	238	BCWA Assessment-IUP	
LTLC-051	LT-1	2/29/04	216	494		3.27	0.0	77.2		3.96		1.15	2.07	170.0	-2	260	BCWA Assessment-IUP	
LTLC-051	LT-1	3/27/04	724	497		3.38	0.0	66.5		4.06		1.13	1.97	155.4	-2	230	BCWA Assessment-IUP	
LTLC-051	LT-1	4/17/04	1055	584		3.18	0.0	66.0		4.84		1.55	2.39	168.7	6	272	BCWA Assessment-IUP	
LTLC-051	LT-1	5/14/04	317	416		3.46	0.0	49.5		3.37		1.08	1.68	139.0	4	286	BCWA Assessment-IUP	
LTLC-056	3042700	11/3/86	763	525	6.90	6.00		0.4	0.0	11.10		0.41	0.45		382		USGS	
LTLC-056	3042700	5/11/87	2962	240	7.60	7.00		0.1	0.0	2.08		0.09	<0.135	68.0	180		USGS	
LTLC-056	3042700	10/19/87	350	600	6.90	6.90			0.0	8.20		0.55	<0.135		404		USGS	
LTLC-056	3042700	5/31/88	1167	402	7.00	6.80			0.0	8.90		0.51	1.01		312		USGS	
LTLC-056	3042700	6/7/88	435		6.50					11.60		0.79	1.10		636		USGS	
LTLC-056	3042700	8/17/88				6.70			0.0	104.00		2.26	0.37		2580		USGS	
LTLC-057	3042120	11/4/86	2379	320	7.70	6.20		0.0	0.0	0.36		0.05	0.20		204		USGS	
LTLC-057	3042120	5/11/87	1212	235	6.90	7.50		0.3	0.0	0.35		<0.05	<0.135	37.0	184		USGS	
LTLC-057	3042120	10/20/87	355	320	6.60	7.40			0.0	0.13		<0.05	0.20		220		USGS	
LTLC-057	3042120	6/1/88	444	266	7.60	7.60			0.0	0.29		0.05	<0.135		212		USGS	
LTLC-057	3042120	8/17/88	63		7.30					0.11		0.05	0.20		292		USGS	
LTLC-058	WQN0815	2/20/85	71813	425	5.30	5.50	3.0		46.0	6.82		0.72	1.74	140.0	348		STORET	
LTLC-058	WQN0815	5/15/85	89317	410	4.00	4.10			48.0	4.75		0.88	4.34	148.0	294		STORET	
LTLC-058	WQN0815	7/24/85	36355	535		3.80			56.0	6.95		1.11	6.02	119.0	392		STORET	
LTLC-058	WQN0815	8/12/85	29623	650	3.30	3.60			66.0	6.22		1.20	5.96	222.0	474		STORET	
LTLC-058	WQN0815	11/19/85	202423	265	6.10	5.80	8.0		10.0	4.99		0.40	1.37	84.0	190		STORET	
LTLC-058	WQN0815	2/27/86	157091	330	5.00	4.80	2.0		32.0	6.60		0.66	3.27	114.0	238		STORET	
LTLC-058	WQN0815	5/7/86	51616	450	4.70	4.30			44.0	11.40		1.02	4.75	169.0	366		STORET	
LTLC-058	WQN0815	8/7/86	31867	600	4.00	3.80			70.0	11.80		1.00	4.78	219.0	488		STORET	
LTLC-058	WQN0815	11/4/86	41113	450	4.80	4.50			38.0	18.10		0.77	3.83	184.0	318		STORET	
LTLC-058	WQN0815	2/23/87	44883	490	5.20	4.80	2.0		46.0	15.40		1.01	3.64	190.0	334		STORET	
LTLC-058	WQN0815	5/4/87	403948	250	6.60	5.90	6.0		26.0	2.39		0.47	1.02	89.0	228		STORET	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	
LTLC-058	WQN0815	8/19/87	21544	605	4.50	3.70	0.0		50.0	6.01		0.91	4.26	213.0	378		STORET	
LTLC-058	WQN0815	11/5/87	24686	580	4.60	4.20			68.0	10.90		0.99	5.14	229.0	420		STORET	
LTLC-059	3042500	11/3/86	29174	470	4.70	4.70		0.7	42.0	13.70		0.75	2.61		324		USGS	
LTLC-059	3042500	5/11/87	105475	310	4.80	5.10		0.5	46.0	6.30		0.51	2.16	120.0	262		USGS	
LTLC-059	3042500	10/19/87	30969	510	4.90	4.00			50.0	14.00		0.84	3.26		364		USGS	
LTLC-059	3042500	5/31/88	54757	406	4.30	3.80			38.0	7.00		0.75	3.09		316		USGS	
LTLC-059	3042500	8/18/88	45781	372	5.70	5.40			14.0	2.31		0.88	0.30		380		USGS	
LTLC-059	KBLTL2	5/25/99				6.50	28.0		0.0	1.50	0.68	0.40	0.23	87.0	<2		Stream Team	
LTLC-059	KBLTL2	1/12/00				7.00	42.0		0.0	0.19	<0.02	<0.02	0.09	95.0	<2		Stream Team	
LTLC-059	KBLTL2	4/12/00				6.60	28.0		0.0	0.31	0.05	0.20	0.18	95.0	6		Stream Team	
LTLC-059	KBLTL2	10/10/00															Stream Team	
LTLC-059	KBLTL2	1/23/01															Stream Team	
LTLC-059	KBLTL2	4/26/01				6.70	28.0		0.0	1.25	0.07	0.78	0.40	80.2	26		Stream Team	
LTLC-059	KBLTL2	7/12/01															Stream Team	
LTLC-059	KBLTL2	4/19/02				6.70	28.0		0.0	0.29	0.06	0.20	0.16	78.4	2		Stream Team	
LTLC-059	KBLTL2	7/21/02	150	165		7.60	30.0		0.0	0.21	0.02	0.20	0.06	92.6			Stream Team	
LTLC-059	KBLTL2	10/25/02				7.40	56.0		0.0	0.22	0.17	<0.02	0.10	189.2	10		Stream Team	
LTLC-059	KBLTL2	4/25/03				6.90	38.2		0.0	1.25	0.30	0.22	0.32	89.9	54		Stream Team	
LTLC-059	KBLTL2	8/3/03				7.60	47.2		0.0	0.26	0.07	0.07	<0.02	87.6	<2		Stream Team	
LTLC-059	KBLTL2	10/24/03				7.90	45.4		0.0	0.25	0.07	0.07	<0.02	81.6	4		Stream Team	
LTLC-060	LT-3	6/26/03	11494	404		7.42	36.3	4.5		0.09		0.03	-0.10	103.6	-2	230	BCWA Assessment-IUP	
LTLC-060	LT-3	7/30/03	45017	374		7.30	40.7	2.3		-0.04		0.03	-0.10	88.1	2	248	BCWA Assessment-IUP	
LTLC-060	LT-3	8/19/03	39411	354		6.80	36.5	3.3		0.08		0.03	-0.10	69.7	4	194	BCWA Assessment-IUP	
LTLC-060	LT-3	9/28/03	68697	314		7.00	37.7	2.9		0.54		0.16	0.14	83.7	4	232	BCWA Assessment-IUP	
LTLC-060	LT-3	10/25/03	50917	358		7.46	36.6	1.9		0.09		0.05	0.14	82.3	-2	228	BCWA Assessment-IUP	
LTLC-060	LT-3	12/5/03	68697	341		6.96	25.8	7.7		0.67		0.15	0.31	76.6	-2	206	BCWA Assessment-IUP	
LTLC-060	LT-3	1/2/04	136855	319		7.14	30.3	2.9		0.72		0.20	0.14	67.4	10	178	BCWA Assessment-IUP	
LTLC-060	LT-3	2/29/04	75432	432		7.12	31.2	3.2		0.22		0.22	0.10	78.0	-2	264	BCWA Assessment-IUP	
LTLC-060	LT-3	3/27/04	99301	304		6.88	21.0	6.9		0.63		0.18	-0.10	63.6	-2	172	BCWA Assessment-IUP	
LTLC-060	LT-3	4/17/04	144829	277		6.97	22.1	2.5		0.47		0.19	-0.10	60.0	18	126	BCWA Assessment-IUP	
LTLC-060	LT-3	5/14/04	24488	333		7.11	31.0	2.1		0.15		0.07	-0.10	64.1	-2	244	BCWA Assessment-IUP	
LTLC-061	LT-4	6/27/03	3376	1958		2.78	0.0	348.4		79.69		4.46	23.36	893.4	16	1570	BCWA Assessment-IUP	
LTLC-061	LT-4	7/30/03	2328	1965		2.80	0.0	365.0		109.09		5.22	26.80	846.4	16	1594	BCWA Assessment-IUP	
LTLC-061	LT-4	8/19/03	2015	1962		2.83	0.0	336.4		120.08		4.68	25.33	866.7	8	1384	BCWA Assessment-IUP	
LTLC-061	LT-4	9/27/03	1495	1846		3.19	0.0	362.5		103.39		4.54	24.77	876.3	12	1488	BCWA Assessment-IUP	
LTLC-061	LT-4	10/24/03	2582	1864		3.55	0.0	392.0		112.43		4.93	25.05	875.2	4	1524	BCWA Assessment-IUP	
LTLC-061	LT-4	12/5/03	1495	1852		4.14	0.0	382.4		90.14		4.21	24.80	873.2	-2	1266	BCWA Assessment-IUP	
LTLC-061	LT-4	12/31/03	1908	1816		3.49	0.0	385.6		97.70		4.36	23.60	850.3	-2	1214	BCWA Assessment-IUP	
LTLC-061	LT-4	1/30/04	1684	1778		3.76	0.0	378.8		74.41		3.81	25.25	866.5	16	1226	BCWA Assessment-IUP	
LTLC-061	LT-4	2/28/04	1115	1584		3.72	0.0	395.3		81.85		3.96	26.28	859.6	2	1332	BCWA Assessment-IUP	
LTLC-061	LT-4	3/26/04	2608	1804		3.67	0.0	392.1		83.07		4.30	26.80	817.2	-2	1168	BCWA Assessment-IUP	
LTLC-061	LT-4	4/16/04	3368	1808		2.83	0.0	347.7		110.60		4.58	24.58	784.3	14	1344	BCWA Assessment-IUP	
LTLC-061	LT-4	5/13/04	2292	1818		2.98	0.0	349.2		115.01		4.90	27.34	817.3	4	1604	BCWA Assessment-IUP	
LTLC-062	601377	6/1/02	1550	660		3.41	1.0	84.0		18.10		1.01	8.68	213.0	8		ICCD - Multi County	
LTLC-062	LT-5	6/27/03	23808	361		4.69	-1.0	14.4		9.13		0.39	2.35	135.1	32	286	BCWA Assessment-IUP	
LTLC-062	LT-5	7/30/03	132543	268		6.00	4.2	5.2		6.96		0.33	1.80	91.1	14	180	BCWA Assessment-IUP	
LTLC-062	LT-5	8/19/03	107045	358		3.97	0.0	32.0		13.19		0.52	3.67	139.6	30	220	BCWA Assessment-IUP	
LTLC-062	LT-5	9/27/03	96647	279		5.35	2.9	16.5		9.38		0.37	2.73	107.8	32	180	BCWA Assessment-IUP	
LTLC-062	LT-5	10/25/03	87892	303		5.87	4.7	16.1		10.12		0.36	2.87	113.7	26	206	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LTLC-062	LT-5	12/5/03	96647	278		5.15	1.7	33.5		10.05		0.48	3.62	106.4	26	210	BCWA Assessment-IUP	
LTLC-062	LT-5	12/31/03	189927	218		6.26	6.5	11.3		5.64		0.29	1.36	79.4	-2	140	BCWA Assessment-IUP	
LTLC-062	LT-5	1/30/04	151133	469		4.35	0.0	39.1		14.11		0.57	4.36	164.2	40	276	BCWA Assessment-IUP	
LTLC-062	LT-5	2/28/04	168752	284		5.51	3.0	20.4		7.56		0.32	2.27	85.7	12	190	BCWA Assessment-IUP	
LTLC-062	LT-5	3/26/04	197726	229		5.28	2.2	15.7		5.77		0.29	1.94	72.1	16	120	BCWA Assessment-IUP	
LTLC-062	LT-5	4/16/04	250811	164		5.33	2.0	9.1		4.12		0.26	1.27	49.0	42	178	BCWA Assessment-IUP	
LTLC-062	LT-5	5/13/04	197726	291		4.12	0.0	27.3		9.17		0.41	2.31	115.5	22	214	BCWA Assessment-IUP	
LTLC-063	800547	6/1/02		1080		6.01	15.2	1.0		0.56		0.41	0.10	405.0	9		ICCD - Multi County	
LTLC-063	LT-9	6/27/03	2110	605		6.25	3.7	4.4		2.32		0.36	-0.10	245.0	12	434	BCWA Assessment-IUP	
LTLC-063	LT-9	7/30/03	5717	418		6.90	17.7	3.3		2.83		0.31	0.71	162.4	4	300	BCWA Assessment-IUP	
LTLC-063	LT-9	8/20/03	4502	680		3.98	0.0	17.6		4.98		0.55	0.15	283.2	16	448	BCWA Assessment-IUP	
LTLC-063	LT-9	9/27/03	2290	452		6.60	16.4	3.9		3.39		0.29	0.56	169.7	22	310	BCWA Assessment-IUP	
LTLC-063	LT-9	10/25/03	1302	480		5.86	6.4	5.3		4.35		0.39	0.71	181.9	14	358	BCWA Assessment-IUP	
LTLC-063	LT-9	12/5/03	2290	398		5.89	3.8	16.8		5.59		0.45	2.65	158.3	22	304	BCWA Assessment-IUP	
LTLC-063	LT-9	12/31/03	18993	345		6.70	13.5	5.6		3.35		0.33	1.05	121.1	-2	216	BCWA Assessment-IUP	
LTLC-063	LT-9	2/1/04	17915	805		4.00	0.0	37.1		7.52		0.55	0.93	282.7	24	480	BCWA Assessment-IUP	
LTLC-063	LT-9	2/28/04	2290	421		6.23	9.5	6.8		4.41		0.40	1.56	134.8	2	258	BCWA Assessment-IUP	
LTLC-063	LT-9	3/26/04	2290	303		5.84	4.7	7.9		3.47		0.31	1.32	90.8	6	162	BCWA Assessment-IUP	
LTLC-063	LT-9	4/16/04	49404	251		6.38	7.7	4.3		2.53		0.31	0.46	69.1	16	162	BCWA Assessment-IUP	
LTLC-063	LT-9	5/13/04	2299	462		4.83	1.1	7.1		3.88		0.38	0.15	184.9	-2	360	BCWA Assessment-IUP	
LTLC-064	SC-1	5/31/94	54	1400	3.40	3.40	0.0	108.0		11.70	5.90	9.84	12.80	860.0	15		Senate Coal Co.	
LTLC-064	SC-1	6/16/94	33	1580	3.50	3.40	0.0	113.0		12.30	8.70	9.84	12.30	870.0	14		Senate Coal Co.	
LTLC-064	SC-1	7/7/94	33	1510	3.60	3.60	0.0	123.0		18.80	11.50	11.80	12.90	1027.0	18		Senate Coal Co.	
LTLC-064	SC-1	7/18/94	4														Senate Coal Co.	
LTLC-064	SC-1	7/25/94	0														Senate Coal Co.	
LTLC-064	SC-1	8/23/94	1														Senate Coal Co.	
LTLC-064	SC-1	9/1/94	5														Senate Coal Co.	
LTLC-064	SC-1	11/10/94	3														Senate Coal Co.	
LTLC-064	SC-1	11/29/94	5	201	4.60	4.40	0.0	19.0		1.29	0.04	0.63	1.10	69.0	<5		Senate Coal Co.	
LTLC-064	SC-1	12/6/94	10														Senate Coal Co.	
LTLC-064	SC-1	1/4/95	66	1320	3.50	5.00	9.0	99.0		24.50	23.20	8.32	3.80	820.0	7		Senate Coal Co.	
LTLC-064	SC-1	1/11/95	70														Senate Coal Co.	
LTLC-064	SC-1	1/25/95	94	1540	6.10	5.00	12.0	90.0		26.80	24.20	8.87	3.90	860.0	<5		Senate Coal Co.	
LTLC-064	SC-1	2/23/95	77	1520	4.80	5.30	16.0	71.0		27.30	26.20	8.44	2.60	910.0	6		Senate Coal Co.	
LTLC-064	SC-1	3/17/95	112	1560	4.80	5.10	10.0	89.0		29.80	27.10	8.97	3.30	920.0	<5		Senate Coal Co.	
LTLC-064	SC-1	4/6/95	37	1520	4.90	5.20	8.0	71.0		28.20	26.20	8.20	3.10	840.0	<5		Senate Coal Co.	
LTLC-064	SC-1	5/8/95	63	1530	4.90	5.00	7.0	107.0		30.00	28.50	8.66	5.10	890.0	<5		Senate Coal Co.	
LTLC-064	SC-1	6/8/95	146	1490	4.80	3.60	0.0	138.0		19.20	18.20	8.42	13.10	820.0	14		Senate Coal Co.	
LTLC-064	SC-1	7/14/95	62	1540	3.60	3.50	0.0	168.0		19.00	0.36	8.80	14.50	840.0	7		Senate Coal Co.	
LTLC-064	SC-1	8/14/95	25	1520	3.50	3.60	0.0	142.0		21.40	18.40	9.51	14.60	870.0	8		Senate Coal Co.	
LTLC-064	SC-1	8/25/95	10														Senate Coal Co.	
LTLC-064	SC-1	9/7/95	3	1500	4.20	4.60	0.0	88.0		26.60	24.00	8.63	8.90	840.0	7		Senate Coal Co.	
LTLC-064	SC-1	9/18/95	0														Senate Coal Co.	
LTLC-064	SC-1	10/27/95	0														Senate Coal Co.	
LTLC-064	SC-1	11/22/95	26	1220	4.00	4.30	0.0	92.0		22.40		6.61	7.30	660.0	<5		Senate Coal Co.	
LTLC-064	SC-1	12/14/95	19	1490	4.10	4.40	0.0	119.0		29.90	26.80	9.00	9.50	880.0	<5		Senate Coal Co.	
LTLC-064	SC-1	1/18/96	62	1350	4.30	4.60	2.0	101.0		27.90	24.90	8.31	9.00	800.0	9		Senate Coal Co.	
LTLC-064	SC-1	2/16/96	56	1500	4.50	4.20	0.0	121.0		29.60	28.80	8.82	9.30	850.0	<5		Senate Coal Co.	
LTLC-064	SC-1	3/11/96	78	1490	4.20	4.50	0.0	123.0		31.00	28.60	9.57	8.90	900.0	9		Senate Coal Co.	

**Blacklick Creek Watershed Assessment / Restoration Plan**

**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LTLC-064	SC-1	4/17/96	58	1440	4.40	3.90	0.0	102.0		17.50	17.40	7.69	10.30	810.0	10		Senate Coal Co.	
LTLC-064	SC-1	5/28/96	70	1470	4.00	3.30	0.0	118.0		9.31	<0.02	7.67	12.10	810.0	14		Senate Coal Co.	
LTLC-064	SC-1	6/21/96	47	1490	3.10	3.50	0.0	322.0		9.38	4.95	8.19	12.00	790.0	<5		Senate Coal Co.	
LTLC-064	SC-1	7/12/96	35	1430	3.50	3.50	0.0	164.0		10.40	7.40	8.05	12.30	810.0	<5		Senate Coal Co.	
LTLC-064	SC-1	8/20/96	22	1480	3.50	3.50	0.0	116.0		10.70	9.60	7.99	10.90	770.0	15		Senate Coal Co.	
LYC-019	MP-F	7/13/94	2	1610	3.10	2.81	0.0	177.9		19.92		3.72	2.26	692.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	7/27/94	1	1831	3.30	2.73	0.0	219.3		18.92		3.88	2.82	817.1			Kent Coal Mining Company	32940105
LYC-019	MP-F	8/16/94	1	1843	3.10	2.85	0.0	229.3		23.56		4.29	2.58	834.9			Kent Coal Mining Company	32940105
LYC-019	MP-F	8/24/94	0	1723	2.90	2.90	0.0	221.3		24.04		4.50	3.22	806.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/2/94	0	1759	2.90	2.84	0.0	234.9		28.00		4.87	3.10	799.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/27/94	0	1914	3.50	2.79	0.0	256.6		29.80		4.99	3.08	927.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/11/94	0	1948	3.30	3.04	0.0	272.1		37.64		5.48	4.88	937.6			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/31/94	0	1969	3.30	2.83	0.0	293.6		41.64		6.12	5.24	912.8			Kent Coal Mining Company	32940105
LYC-019	MP-F	11/11/94	0	1932	3.00	3.00	0.0	281.7		46.48		5.84	4.96	932.8			Kent Coal Mining Company	32940105
LYC-019	MP-F	11/22/94	0	1989	3.10	2.96	0.0	282.1		45.36		6.20	5.58	924.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	12/13/94	1	844	4.00	3.20	0.0	83.3		11.04		1.74	1.70	256.6			Kent Coal Mining Company	32940105
LYC-019	MP-F	12/21/94	1	1428	4.50	3.15	0.0	182.9		26.72		4.24	4.48	583.7			Kent Coal Mining Company	32940105
LYC-019	MP-F	1/3/95	1	1501	4.50	3.12	0.0	184.4		37.72		4.86	5.02	696.8			Kent Coal Mining Company	32940105
LYC-019	MP-F	1/25/95	1	1100	3.30	3.12	0.0	112.9		12.66		2.16	2.60	389.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	1/31/95	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	2/13/95	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	3/7/95	1	791	3.40	3.23	0.0	74.4		7.10		1.62	1.66	290.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	3/21/95	1	973	6.00	3.20	0.0	106.8		10.90		2.22	2.34	336.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/5/95	1	1105	3.80	3.15	0.0	110.3		15.94		2.76	2.98	397.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/15/95	1	1029	3.50	3.12	0.0	107.9		10.86		2.28	2.28	361.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	5/4/95	1	1266	4.40	3.04	0.0	150.3		14.86		2.82	2.61	482.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/14/95	1	750	4.00	2.95	0.0	84.0		8.90		1.55	1.43	303.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/26/95	1	1196	4.00	2.95	0.0	146.7		16.20		3.18		484.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	7/10/95	0	1250	4.00	2.93	0.0	160.4		20.00		3.49	1.31	504.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	7/28/95	1	1219	4.00	2.92	0.0	144.3		12.55		3.18	1.02	467.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	8/4/95	0	1344	4.00	2.84	0.0	179.5		18.00		3.84	1.03	517.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	8/25/95	0	1597	4.00	2.92	0.0	210.7		24.15		4.07	2.33	584.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/1/95	0	1683	4.00	2.82	0.0	221.7		25.85		4.28	1.72	617.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/15/95	0	1650	4.00	2.87	0.0	222.5		31.95		4.51	1.64	678.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/2/95	0	1705	4.00	2.96	0.0	237.1		36.48		5.21	3.39	892.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/20/95	0	1683	4.00	2.89	0.0	236.9		36.65		5.89	2.38	899.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	11/6/95	0	1555	4.00	2.97	0.0	257.1		43.50		5.66	5.34	881.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	12/4/95	0	1305	4.00	3.02	0.0	184.9		22.50		4.42	3.71	530.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	1/2/96	0	1323	4.00	3.15	0.0	188.3		29.60		4.26	4.25	989.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	2/19/96	0	1001		3.25	0.0	109.9		19.05		2.57	3.17	506.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	3/15/96	0	678		3.34	0.0	81.4		5.83		1.56		292.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/3/96	0	759		3.36	0.0	71.1		7.24		1.74	2.07	298.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	5/3/96	1	510	4.50	3.47	0.0	40.6		4.10		0.86	0.80	184.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/1/96	0	1118	4.00	3.10	0.0	124.4		16.20		3.27	2.20	554.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	7/3/96	1	780	4.30	3.16	0.0	83.2		9.35		1.90	1.19	52.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	8/6/96	0	1296	4.00	2.96	0.0	159.8		14.80		3.83	1.92	878.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	8/27/96		0		3.10	0.0	100.0		12.10		2.24	1.46	334.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/4/96	1	1242	4.09	3.01	0.0	193.1		16.60		3.62	2.08	395.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/3/96	0	938	4.59	3.23	0.0	96.9		14.05		2.65	1.72	349.0			Kent Coal Mining Company	32940105

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-019	MP-F	11/5/96	0	979		3.28	0.0	100.0		12.40		2.78	2.40	414.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	11/22/96		0		3.40	0.0	90.0		13.30		2.64	2.40	256.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	12/16/96	1	593	4.50	3.49	0.0	58.5		5.01		0.97	0.96	200.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	2/6/97		0		3.50	0.0	52.0		7.49		1.27	1.13	223.4			Kent Coal Mining Company	32940105
LYC-019	MP-F	3/31/97	3	0		3.50	0.0	70.0		10.40		1.89	1.84	221.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/15/97	2	0		3.10	0.0	176.0		27.90		3.82	2.33	522.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	11/10/97	4	0		3.70	0.0	34.0		3.20		0.59	0.51	86.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	3/16/98		0		3.40	0.0	82.0		10.90		2.14	2.47	299.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/8/98	2	0		7.20	96.0			<0.3		0.18	<0.50	250.4			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/24/98	1	0		3.30	0.0	56.0		4.65		1.36	0.85	199.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/25/98	1	0		3.30	0.0	120.0		20.30		3.20	4.78	495.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/29/98	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	11/21/98	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	12/11/98	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	2/16/99	1	0		6.00	24.0			2.23		2.23	1.36	994.2			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/29/99	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	5/3/99	1	0		5.50	11.2	1.4		1.15		1.06	<0.50	546.7			Kent Coal Mining Company	32940105
LYC-019	MP-F	5/14/99	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	6/10/99	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	7/8/99	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	8/3/99	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	9/17/99	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	10/7/99	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	11/4/99	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	12/30/99	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	1/25/00	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	2/21/00	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	3/6/00	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	3/14/00	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	3/30/00	4	1330	3.50	3.48	0.0	72.0		10.55		3.39	2.23	1004.4			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/6/00	6	803	3.50	3.49	0.0	62.0		6.61		2.10	1.27	400.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/14/00	4	1291	3.40	3.35	0.0	106.3		7.62		3.29	1.94	810.7			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/19/00	4	1375	3.50	3.49	0.0	101.1		10.05		3.72	2.05	1056.1			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/25/00	5	0		3.50	0.0	70.0		9.50		3.41	1.83	713.9			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/28/00	5	1364	3.10	3.41	0.0	74.1		8.03		3.34	1.86	926.7			Kent Coal Mining Company	32940105
LYC-019	MP-F	5/6/00	3	1494	3.70	3.28	0.0	83.4		8.71		3.69		775.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	5/11/00	3	1417	3.20	3.34	0.0	78.7		10.30		3.80	2.02	789.1			Kent Coal Mining Company	32940105
LYC-019	MP-F	5/17/00	3	1518	3.20	3.33	0.0	120.3		10.50		3.95	1.94	874.1			Kent Coal Mining Company	32940105
LYC-019	MP-F	5/26/00	4	1194	3.10	3.33	0.0	103.1		7.44		3.21	1.57	723.6			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/1/00	4	1234	3.00	3.37	0.0	74.2		7.02		3.01	1.50	1141.8			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/9/00	3	1339	3.00	3.23	0.0	80.6		7.88		3.19	1.59	535.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/16/00	3	1372	2.90	3.27	0.0	86.9		10.00		3.36	1.85	819.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/22/00	3	1400	3.00	3.36	0.0	92.6		11.05		3.83	1.58	1144.4			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/30/00	2	1450	2.90	3.26	0.0	97.2		9.60		3.51	1.90	1177.9			Kent Coal Mining Company	32940105
LYC-019	MP-F	7/6/00	2	1513	3.00	3.17	0.0	101.5		9.75		3.94	1.86	1210.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	7/14/00	2	1561	2.90	3.21	0.0	118.3		8.58		3.53	2.06	1058.9			Kent Coal Mining Company	32940105
LYC-019	MP-F	7/19/00	1	1640		3.31	0.0	122.8		14.90		4.15		1299.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	7/27/00	1	1697		3.21	0.0	143.9		17.70		4.62		1721.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	8/11/00	3	1449	2.90	3.15	0.0	121.2		13.65		3.85	1.93	751.8			Kent Coal Mining Company	32940105



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-019	MP-F	8/31/00	2	1635	2.70	3.03	0.0	158.7		17.90		4.86	2.86	1000.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/7/00	2	0		3.00	0.0	172.0		27.20		5.69	3.30	1164.4			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/20/00	2	1692	2.90	3.04	0.0	197.3		19.05		4.85	3.11	1350.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/2/00	2	1561	2.90	3.27	0.0	132.2		19.00		4.73	3.61	2472.7			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/12/00	2	1583	3.10	3.21	0.0	130.8		16.40		4.67	2.48	1014.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/19/00	6	1030	3.20	3.35	0.0	72.0		7.35		2.48	1.57	490.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/25/00	4	0		3.30	0.0	114.0		15.60		4.53	2.74	970.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/26/00	3	1570	3.10	3.25	0.0	104.6		14.05		4.04	2.62	834.2			Kent Coal Mining Company	32940105
LYC-019	MP-F	11/2/00	3	1676	3.10	3.29	0.0	110.4		16.95		4.11	3.00	1300.8			Kent Coal Mining Company	32940105
LYC-019	MP-F	11/10/00	3	1580	3.10	3.28	0.0	104.9		10.95		4.35	2.68	1042.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	11/17/00	3	1627	2.90	3.36	0.0	139.6		16.10		4.73	2.00	1328.6			Kent Coal Mining Company	32940105
LYC-019	MP-F	11/22/00	2	1657	3.20	3.38	0.0	114.2		15.80		4.84		1313.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/18/01	6	0		3.60	0.0	46.0		8.02		2.26	1.55	498.1			Kent Coal Mining Company	32940105
LYC-019	MP-F	7/12/01	4	0		3.40	0.0	96.6		12.80		3.22	2.07	586.6			Kent Coal Mining Company	32940105
LYC-019	MP-F	8/23/01	2	1552	2.90	3.19	0.0	127.7		25.82		5.06	3.14	911.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	8/30/01	1	1570	3.00	3.13	0.0	159.1		22.35		4.60	3.36	1289.1			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/5/01	0														Kent Coal Mining Company	32940105
LYC-019	MP-F	9/14/01	2	1544	3.10	3.39	0.0	175.7		8.15		6.25	6.12	943.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/22/01	2	1500	3.20	3.34	0.0	284.3		51.00		6.90	5.56	785.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/27/01	2	1608	3.20	3.24	0.0	218.4		40.25		6.00	0.67	1479.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/1/01	2	1590	3.60	3.41	0.0	194.7		41.75		6.50	5.33	959.7			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/12/01		1627	2.70	3.22	0.0	182.1		25.90		7.20	5.82	1143.2			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/19/01	2	1444	3.00	3.22	0.0	188.5		28.40		7.60	6.10	1358.1			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/26/01	2	1415	7.00	3.21	0.0	197.4		26.70		7.60	6.55	1236.2			Kent Coal Mining Company	32940105
LYC-019	MP-F	11/29/01	3	1894	2.90	3.23	0.0	210.1		38.00		8.80	6.76	1559.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	12/27/01	3	1155	3.20	3.53	0.0	123.6		26.50		3.62	3.16	644.3			Kent Coal Mining Company	32940105
LYC-019	MP-F	1/29/02	11	990	3.20	3.61	0.0	93.9		25.17		3.45	2.29	709.0			Kent Coal Mining Company	32940105
LYC-019	MP-F	2/22/02	10	1074	3.50	3.61	0.0	94.5		36.06		3.42	2.61	727.7			Kent Coal Mining Company	32940105
LYC-019	MP-F	2/25/02	6	0		3.80	0.0	57.8		7.02		3.86	1.69	744.2			Kent Coal Mining Company	32940105
LYC-019	MP-F	3/27/02	18	1120	3.60	3.75	0.0	69.7		19.54		3.20	2.24	702.5			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/4/02	12	0		4.20	7.2	57.0		6.05		4.02	1.48	603.2			Kent Coal Mining Company	32940105
LYC-019	MP-F	4/29/02	3	1300	3.70	3.78	0.0	92.7		24.01		3.26	2.65	841.2			Kent Coal Mining Company	32940105
LYC-019	MP-F	5/29/02	6	1190	3.70	3.77	0.0	73.1		14.63		2.69	2.75	654.6			Kent Coal Mining Company	32940105
LYC-019	MP-F	6/21/02	21	1085	3.40	3.46	0.0	81.4		9.17		2.88	1.90	661.4			Kent Coal Mining Company	32940105
LYC-019	MP-F	7/25/02	5	1513	3.40	3.33	0.0	98.9		15.78		3.99	3.54	1112.9			Kent Coal Mining Company	32940105
LYC-019	MP-F	8/27/02	3	1663	3.90	3.25	0.0	166.8		32.27		6.20	5.52	1028.6			Kent Coal Mining Company	32940105
LYC-019	MP-F	9/13/02	2	1819	3.90	3.23	0.0	187.0		43.16		7.17	6.50	1104.7			Kent Coal Mining Company	32940105
LYC-019	MP-F	10/28/02	2	1787	3.30	3.32	0.0	204.2		53.75		7.75	6.83	1426.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/27/94	1	1194	5.70	3.50	0.0	52.7		16.06		4.87	1.52	610.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/16/94	1	1209	4.20	3.88	0.0	58.1		8.98		5.26	1.67	618.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/24/94	1	1054	3.90	3.95	0.0	50.5		3.02		5.07	2.14	558.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/2/94	0	1161	3.80	3.52	0.0	54.8		1.55		5.32	2.14	554.1			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/27/94	0	1369	4.00	3.53	0.0	50.4		11.20		5.85	2.70	713.9			Kent Coal Mining Company	32940105
LYC-020	MP-H	10/11/94	0	1458	4.10	3.56	0.0	71.1		10.60		5.96	2.68	732.5			Kent Coal Mining Company	32940105
LYC-020	MP-H	10/31/94	0	1491	3.60	3.40	0.0	56.7		7.63		6.40	3.02	735.1			Kent Coal Mining Company	32940105
LYC-020	MP-H	11/11/94	0	1335	3.30	3.63	0.0	53.3		6.30		6.44	3.08	623.7			Kent Coal Mining Company	32940105
LYC-020	MP-H	11/22/94	1	1181	3.80	3.61	0.0	50.7		4.57		5.60	2.54	562.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	12/13/94	13	223	5.70	5.98	5.4	4.3		0.76		0.67	<0.01	80.7			Kent Coal Mining Company	32940105
LYC-020	MP-H	12/21/94	1	853	5.00	4.01	0.0	38.6		3.06		3.73	1.31	353.9			Kent Coal Mining Company	32940105

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**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-020	MP-H	1/3/95	1	896	5.40	3.81	0.0	37.5		3.40		4.16	1.70	417.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	1/25/95	8	221	6.00	5.94	6.0	5.3		2.20		0.53	0.56	78.6			Kent Coal Mining Company	32940105
LYC-020	MP-H	1/31/95	3	425	7.70	5.22	2.0	10.7		2.24		1.45	0.32	174.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	2/13/95	0														Kent Coal Mining Company	32940105
LYC-020	MP-H	3/7/95	17	185	5.80	6.04	9.9	3.5		1.10		0.44	0.20	61.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/21/95	5	197	6.10	6.41	11.4	5.6		0.84		0.43	0.10	66.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/5/95	8	309	6.30	6.27	6.5	7.1		1.54		0.90	0.16	128.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/15/95	17	201	6.00	6.51	13.1	3.1		0.95		0.46	0.36	66.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/4/95	3	381	4.90	6.02	7.0	9.9		1.98		0.91	0.10	158.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/14/95	9	185	6.50	6.25	18.0	-12.0		1.08		0.24	0.38	54.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/26/95	2	295	6.50	6.82	12.3			1.68		0.68		112.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/10/95	1	630	4.00	5.06	1.9	14.3		4.14		1.73	0.12	308.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/28/95	4	807	4.00	3.47	0.0	46.1		0.62		3.97	1.00	348.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/4/95	3	1104	4.00	3.38	0.0	63.1		0.92		6.39	1.93	497.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/25/95	0	1259	4.00	4.29	0.0	53.0		12.50		4.66	4.29	573.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/1/95	0	1175	4.00	4.09	0.0	47.3		10.85		5.50	1.18	663.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/15/95	0	1224	4.00	3.88	0.0	55.8		9.80		5.46	1.34	638.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	10/1/95	0	3149	4.00	3.85	0.0	52.9		7.59		5.89	2.42	752.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	10/20/95	0	1215	4.00	3.81	0.0	46.1		5.50		6.47	1.72	661.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	11/6/95	0	1150	4.00	3.73	0.0	50.7		5.62		5.85	2.93	633.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	12/4/95	0	916	4.00	3.77	0.0	38.2		2.02		4.30	2.95	398.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	1/2/96	5	696	4.00	3.89	0.0	28.7		1.56		2.68	2.25	321.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	2/19/96	2	228		6.75	10.3			1.31		0.65	0.32	67.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/15/96	7	173		6.82	11.2			3.03		0.43	0.62	58.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/3/96	18	175		6.72	13.6			0.70		0.31	0.15	55.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/3/96	37	102	6.80	6.43	13.5			0.21		0.12	0.10	31.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/1/96	4	290	6.60	6.33	12.8			1.41		0.65	0.14	111.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/3/96	12	183	6.40	6.84	12.6			0.67		0.42	0.66	58.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/6/96	4	362	6.10	6.26	10.5	1.6		1.78		0.90	0.18	133.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/27/96		0		6.70	32.0			0.87		<0.05	0.92	21.7			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/5/96	20	308	6.30	6.66	11.0			2.01		0.73	0.17	123.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	10/3/96	25	180	6.40	7.10	16.7			0.56		0.30	0.18	63.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	11/5/96	20	207		6.84	16.4			0.48		0.36	0.12	15.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	11/22/96	17	0		6.40	22.0			0.60		0.26	0.19	43.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	12/16/96	40	119	6.80	6.97	17.6			0.30		0.12	0.20	33.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	1/7/97	12	239	6.60	7.09	16.9			0.78		0.34	0.21	62.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	2/5/97	40	200	6.30	6.91	14.1			0.28		0.34	0.24	54.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	2/6/97		0		6.60	28.0			1.77		0.10	1.91	26.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/4/97	34	186		7.00	19.3			0.48		0.27	0.37	34.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/31/97	35	0		6.50	28.0			0.68		0.18	0.36	45.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/1/97	6	182		7.10	20.4			0.42		0.18	0.24	36.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/1/97	12	254	6.60	6.63	15.4			1.06		0.50	0.21	78.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/11/97	10	222		7.30	19.8			1.19		0.37	0.23	60.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/9/97	1	759		5.50	3.3	22.0		7.92		3.90	0.71	418.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/6/97	1	1016	4.50	3.95	0.0	34.1		9.90		6.06	0.94	564.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/4/97	2	650		5.84	3.6	12.5		5.50		2.69	0.41	315.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/15/97	2	0		4.70	8.2	36.0		7.37		4.11	0.74	499.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	10/1/97	3	588	5.60	5.41	2.3	8.5		2.66		2.59	0.64	261.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	11/5/97	3	931	4.90	4.51	0.1	29.9		4.18		4.56	0.51	471.0			Kent Coal Mining Company	32940105

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-020	MP-H	11/10/97	90	0		6.40	17.2	4.8		0.32		0.20	0.35	46.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	12/4/97	38	154	6.70	6.76	15.4			0.33		0.23	0.34	48.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/16/98		0		6.10	26.0			0.91		0.37	<0.50	24.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/8/98	5	0		3.30	0.0	62.0		3.86		5.22	0.81	528.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/24/98	6	0		6.20	26.0			3.20		0.76	2.80	47.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/3/98		0		6.90	88.0			<0.3		0.25	<0.50	637.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/25/98	1	0		4.90	10.8	26.0		19.20		4.88	2.91	438.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	10/29/98	0	1408	4.50	3.21	0.0	132.9		14.15		3.96		970.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	11/21/98	1	1654	4.30	3.17	0.0	191.6		20.35		4.53		2484.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	12/11/98	1	1736	4.20	3.21	0.0	186.6		26.35		5.07	7.35	850.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	1/17/99	1	1031	4.30	3.28	0.0	96.4		7.98		2.38		371.6			Kent Coal Mining Company	32940105
LYC-020	MP-H	2/16/99	3	0		3.40	0.0	72.0		10.80		2.51	2.75	705.5			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/29/99	3	1235	4.00	3.58	0.0	64.9		3.93		2.47		801.9			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/3/99	2	0		4.50	8.2	10.6		0.58		2.07	0.87	559.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/14/99	3	1402	4.20	3.52	0.0	48.2		5.01		3.10	1.48	689.7			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/10/99	2	1362	4.30	3.38	0.0	100.0		7.11		3.08		883.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/8/99	1	1293	4.30	3.16	0.0	98.2		8.06		3.26		658.4			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/3/99	1	1657	3.00	3.06	0.0	129.6		13.95		4.18		900.6			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/17/99	1	1557	3.20	3.12	0.0	151.3		16.75		4.60		1040.1			Kent Coal Mining Company	32940105
LYC-020	MP-H	10/7/99	2	1289	3.40	3.23	0.0	109.7		11.60		3.80		946.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	12/30/99	3	1611	3.80	3.70	0.0	101.4		7.66		6.29		1229.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	1/25/00	2	1570	3.50	3.49	0.0	78.7		10.75		7.10		1064.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	2/21/00	4	1022	3.50	3.47	0.0	93.1		7.54		2.47	1.99	497.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/6/00	3	1400	3.50	3.45	0.0	77.9		9.60		4.08	2.58	972.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/14/00	3	0		3.30	0.0	78.0		11.20		4.55	2.35	409.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/15/00	3	1401	3.40	3.33	0.0	115.0		10.40		4.40	2.30	813.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/24/00	6	810	3.50	3.47	0.0	77.2		6.96		1.98	1.55	463.9			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/30/00	15	287	6.90	6.64	11.3	3.1		0.77		0.72	0.36	105.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/6/00	90	190	6.70	6.85	16.3			0.28		0.28	0.31	51.9			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/14/00	24	250	7.70	6.83	13.0			0.77		0.56	0.44	97.6			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/19/00	20	295	7.40	6.82	12.1			0.76		0.69	0.48	122.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/25/00	40	0		6.80	26.0			0.49		0.37	<0.50	56.8			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/28/00	27	251	7.40	7.09	17.7			0.58		0.50	0.36	92.6			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/6/00	14	404	7.60	6.65	9.4	1.2		1.19		1.03		132.7			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/11/00	12	404	6.60	6.81	11.7			1.16		1.09	0.66	150.4			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/17/00	7	525	5.60	5.90	4.2	8.0		1.65		1.79	1.05	261.6			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/26/00	20	308	7.00	6.97	15.3			0.66		0.75	0.51	123.4			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/1/00	38	232	7.30	7.14	21.7			0.34		0.43	0.35	84.5			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/9/00	13	355	7.20	6.82	15.2			0.96		0.87	0.45	146.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/16/00	8	424	6.00	6.57	12.5	1.2		1.08		1.33	0.68	202.5			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/22/00	7	529	6.60	6.09	7.7	6.8		1.79		1.91	1.08	261.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/30/00	4	727	5.10	5.18	3.3	16.0		1.74		2.56	1.38	379.4			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/6/00	3	816	4.70	4.70	1.4	20.1		1.94		3.37	1.69	507.1			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/14/00	2	1033	4.00	4.16	0.0	39.2		1.31		4.57	3.00	711.5			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/19/00	2	1048		4.25	0.0	35.5		2.19		5.10		670.5			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/11/00	3	699	5.00	5.04	2.7	18.6		1.78		3.16	1.28	376.8			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/7/00	1	0		3.90	0.0	48.0		7.06		7.98	4.68	751.8			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/20/00	2	922	4.40	4.30	0.0	27.7		2.22		5.13	2.89	585.5			Kent Coal Mining Company	32940105
LYC-020	MP-H	10/2/00	5	551	5.80	5.51	3.4	7.6		1.06		2.60	1.05	262.5			Kent Coal Mining Company	32940105

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-020	MP-H	11/2/00	5	536	5.90	5.60	4.0	7.9		1.17		2.07	1.05	255.7			Kent Coal Mining Company	32940105
LYC-020	MP-H	1/5/01	8	471	7.10	6.52	9.8			1.49		1.53	1.18	194.1			Kent Coal Mining Company	32940105
LYC-020	MP-H	2/2/01	70	188	7.50	7.12	17.1			0.29		0.31	0.37	70.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/2/01	14	331	7.10	6.73	14.6			0.96		0.82	0.51	148.5			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/18/01	120	0		6.70	24.0			0.34		0.22	<0.50	50.4			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/19/01	60	170	7.50	6.54	17.7			0.37		0.26	0.25	76.9			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/4/01	14	363	7.40	6.47	13.3			0.81		0.90	0.41	161.6			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/8/01	18	225	7.60	6.70	19.2			0.69		0.68	0.50	54.7			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/4/01	7	495	6.50	6.15	9.7	4.3		1.24		1.69	0.79	259.5			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/2/01	2	1050	4.30	4.08	0.0	29.6		2.84		6.15	2.31	702.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/5/01	1	1121	3.90	4.07	0.0	42.9		1.50		8.45	4.17	928.5			Kent Coal Mining Company	32940105
LYC-020	MP-H	10/1/01	0	1115	4.00	3.96	0.0	38.5		3.08		7.15	2.73	829.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	11/29/01	4	540	4.90	5.06	0.7	8.3		2.24		2.30	0.51	347.0			Kent Coal Mining Company	32940105
LYC-020	MP-H	12/27/01	4	756	4.90	4.76	1.9	19.8		3.14		3.06	1.23	429.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	1/29/02	4	637	4.30	4.58	0.7	12.8		2.10		2.98	0.79	428.9			Kent Coal Mining Company	32940105
LYC-020	MP-H	2/22/02	3	756	4.10	4.51	0.1	9.1		3.24		2.96	1.07	447.4			Kent Coal Mining Company	32940105
LYC-020	MP-H	2/25/02	4	0		4.30	7.4	38.8		3.37		3.39	1.31	405.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	3/27/02	36	183	5.20	6.54	9.4	0.4		0.61		0.37	0.27	79.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	4/29/02	15	314	7.30	6.45	11.0			1.32		0.82	0.33	159.4			Kent Coal Mining Company	32940105
LYC-020	MP-H	5/29/02	18	220	6.60	6.41	13.5			1.03		0.57	0.25	74.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	6/21/02	12	271	6.20	6.60	10.6			0.65		0.60	0.10	128.9			Kent Coal Mining Company	32940105
LYC-020	MP-H	7/25/02	1	1003	4.40	4.13	0.0	16.5		2.51		4.22	0.86	693.2			Kent Coal Mining Company	32940105
LYC-020	MP-H	8/27/02	1	1210	3.90	3.89	0.0	43.2		1.24		7.35	1.99	535.3			Kent Coal Mining Company	32940105
LYC-020	MP-H	9/13/02	0	1424	4.50	3.86	0.0	35.6		1.68		9.00	2.87	953.7			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	5/22/92	53	524	6.00	4.91	<1.0	52.0		14.16		0.45	5.18	238.7			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	6/18/92	0	1542	3.00	2.81	0.0	280.6		38.84		6.11	16.34	650.9			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	5/14/93	30	461	4.00	4.48	0.0	28.7		22.12		0.52		203.1			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	6/8/93	15	1084	4.00	3.00	0.0	147.7		23.60		4.06		394.6			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	7/27/93	13	1751	3.70	2.77	0.0	499.9		83.12		2.12		849.0			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	8/19/93	15	1939	5.00	2.73	0.0	643.3		132.00		2.32		966.4			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	10/22/93	18	1079	3.70	3.06	0.0	213.5		35.96		0.85		452.0			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	9/15/97		0		3.40	0.0	318.0		57.70		1.55	24.40	585.0			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	3/11/98	0														Kent Coal Mining Company	32940105
LYC-021	MP-T-24	3/16/98		0		6.10	38.0			15.50		0.36	5.04	316.1			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	5/12/98	0														Kent Coal Mining Company	32940105
LYC-021	MP-T-24	9/17/98	0														Kent Coal Mining Company	32940105
LYC-021	MP-T-24	11/21/98	2	1563	4.30	3.06	0.0	492.3		76.50		1.20		834.6			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	1/26/99	5	440	6.60	6.53	23.5			<0.04		0.08		169.6			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	2/16/99		0		6.10	34.0			13.80		0.47	4.64	399.7			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	6/10/99	12	1018	4.70	3.55	0.0	104.5		27.60		0.81		916.4			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	8/3/99	15	1145	3.40	3.25	0.0	308.1		51.60		1.53		744.7			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	11/4/99	30	840	5.90	6.13	20.3	20.3		10.30		0.58		538.6			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	1/25/00	8	1040	5.20	4.95	2.9	75.5		18.25		0.62		686.9			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	3/14/00	20	0		6.30	38.0			10.30		0.36	3.33	480.3			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	4/28/00	30	944	6.50	6.74	38.4			7.14		0.25		609.2			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	9/20/00	20	1068	4.90	4.93	2.5	75.7		20.00		0.65		607.0			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	10/19/00	100	864	6.10	6.86	32.9			5.00		0.45		489.8			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	1/11/01	10	1060	5.40	5.41	5.2	61.1		15.95		0.54		827.5			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	4/18/01		0		6.70	46.0			5.60		0.36	1.85	469.1			Kent Coal Mining Company	32940105

**Blacklick Creek Watershed Assessment / Restoration Plan**  
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Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-021	MP-T-24	5/4/01	20	947	6.60	6.50	28.6			11.10		0.38		567.9			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	7/13/01	2	970	6.10	6.12	34.1			7.36		0.23		598.7			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	10/1/01	15	1166	4.20	4.25	0.0	232.8		43.50		0.91		923.0			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	3/27/02	90	914	5.50	6.92	27.8			2.94		0.48		442.9			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	4/4/02		0		6.20	58.0	11.4		9.27		0.25	3.11	430.7			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	6/21/02	53	980	6.20	6.71	37.6			9.28		0.29		532.4			Kent Coal Mining Company	32940105
LYC-021	MP-T-24	8/27/02	10	1435	4.10	3.45	0.0	295.5		68.27		1.62		866.5			Kent Coal Mining Company	32940105
LYC-022	MP-100	2/14/97	50	1457	4.00	2.83	0.0	144.8		9.51		5.75		572.4			M.B. Energy, Inc.	32990102
LYC-022	MP-100	2/24/97	65	1109	4.50	2.87	0.0	210.0		3.29		3.93	15.96	471.5			M.B. Energy, Inc.	32990102
LYC-022	MP-100	4/18/97	90	1570		2.82	0.0	338.0		8.57		6.70	29.17	677.0			M.B. Energy, Inc.	32990102
LYC-022	MP-100	9/26/97	3	782	6.50	6.31	65.6	5.5		0.06		0.05	0.18	308.4			M.B. Energy, Inc.	32990102
LYC-022	MP-100	12/31/97	30	1665	4.00	2.73	0.0	327.2		7.14		7.97	28.08	611.4			M.B. Energy, Inc.	32990102
LYC-022	MP-100	1/28/98	50	480	5.50	6.88	22.8	12.8		0.12		0.10	0.16	186.2			M.B. Energy, Inc.	32990102
LYC-022	MP-100	4/27/98	125	367	7.00	7.30	22.3	2.4		0.18		0.22	0.81	149.7			M.B. Energy, Inc.	32990102
LYC-022	MP-100	8/19/98	2	740	6.50	7.37	65.1	22.9		0.07		0.06	0.41	313.1			M.B. Energy, Inc.	32990102
LYC-022	MP-100	10/26/98	0														M.B. Energy, Inc.	32990102
LYC-022	MP-100	11/1/98	0														M.B. Energy, Inc.	32990102
LYC-022	MP-100	11/18/98	0														M.B. Energy, Inc.	32990102
LYC-022	MP-100	12/28/98	3	758	6.00	7.42	67.6	3.1		0.06		0.09		336.4			M.B. Energy, Inc.	32990102
LYC-022	MP-100	1/21/99	65	524	6.50	7.00	36.6	3.6		0.11		0.09	0.19	224.1			M.B. Energy, Inc.	32990102
LYC-022	MP-100	2/10/99	40	474	6.50	7.23	34.5	2.9		<0.04		0.08	0.26	183.8			M.B. Energy, Inc.	32990102
LYC-022	MP-100	2/22/99	22	557	6.50	7.33	36.7	2.8		<0.04		0.03	0.36	232.9			M.B. Energy, Inc.	32990102
LYC-022	MP-100	3/9/99	13	489	6.50	6.73	33.5	3.5		0.04		0.05	0.39	192.3			M.B. Energy, Inc.	32990102
LYC-022	MP-100	3/22/99	65	453	6.50	6.64	27.4	3.7		0.09		0.13	0.84	171.7			M.B. Energy, Inc.	32990102
LYC-022	MP-100	4/7/99	30	512	7.00	6.60	34.0	2.4		0.07		0.08	0.37	178.7			M.B. Energy, Inc.	32990102
LYC-022	MP-100	4/26/99	65	469	7.00	6.53	24.7	3.5		0.13		0.18	0.55	172.3			M.B. Energy, Inc.	32990102
LYC-022	MP-100	5/12/99	15	584	7.00	7.02	38.9	4.0		0.05		0.04	0.52	215.5			M.B. Energy, Inc.	32990102
LYC-022	MP-100	5/25/99	6	619	7.00	7.38	46.9	4.0		0.15		0.10	0.68	271.5			M.B. Energy, Inc.	32990102
LYC-022	MP-100	6/8/99	6	693	7.00	7.07	54.6	6.7		0.05		0.03	0.24	299.7			M.B. Energy, Inc.	32990102
LYC-022	MP-100	6/24/99	2	727	7.00	7.07	63.4	6.7		<0.04		0.02	0.26	333.7			M.B. Energy, Inc.	32990102
LYC-022	MP-100	7/19/99	0	727	6.50	6.88	71.4	5.5		0.12		0.07	0.47	304.6			M.B. Energy, Inc.	32990102
LYC-022	MP-100	7/27/99	0														M.B. Energy, Inc.	32990102
LYC-022	MP-100	8/12/99	0														M.B. Energy, Inc.	32990102
LYC-022	MP-100	8/23/99	0														M.B. Energy, Inc.	32990102
LYC-022	MP-100	9/10/99	0														M.B. Energy, Inc.	32990102
LYC-022	MP-100	9/24/99	0														M.B. Energy, Inc.	32990102
LYC-022	MP-100	1/11/00	8	676	5.50	7.47	50.6	4.5		0.10		0.11	0.46	295.5			M.B. Energy, Inc.	32990102
LYC-022	MP-100	2/8/00	4	691	7.00	6.21	51.6	4.1		0.05		<0.02	0.44	295.4			M.B. Energy, Inc.	32990102
LYC-022	MP-100	3/31/00	30	0		6.70	42.0			<0.3		0.06	<0.50	268.0			M.B. Energy, Inc.	32990102
LYC-022	MP-100	5/16/00	15	592	6.80	6.23	35.2	4.5		<0.04		<0.02	0.59	253.6			M.B. Energy, Inc.	32990102
LYC-022	MP-100	6/5/00	30	0		6.80	48.0			<0.3		0.07	<0.50	285.0			M.B. Energy, Inc.	32990102
LYC-022	MP-100	8/24/00	20	926	5.90	7.18	52.7	4.1		0.11		0.14	0.26	492.7			M.B. Energy, Inc.	32990102
LYC-022	MP-100	10/19/00	30	812	7.00	7.39	53.0	6.1		0.22		0.49	1.71	367.9			M.B. Energy, Inc.	32990102
LYC-022	MP-100	1/16/01	10	0		7.50	88.0			<0.3		0.26	<0.50	652.0			M.B. Energy, Inc.	32990102
LYC-022	MP-100	2/13/01	15	992	7.10	7.64	63.0	5.2		0.17		0.38	0.20	461.3			M.B. Energy, Inc.	32990102
LYC-022	MP-100	4/5/01	20	1074	6.80	7.60	62.2	5.6		0.91		0.56	0.50	585.5			M.B. Energy, Inc.	32990102
LYC-022	MP-100	7/5/01	30	0		6.90	68.0			<0.3		0.43	<0.50	477.4			M.B. Energy, Inc.	32990102
LYC-022	MP-100	9/13/01	8	1228	7.80	7.61	65.1	5.2		0.14		0.11	0.39	686.2			M.B. Energy, Inc.	32990102
LYC-022	MP-100	12/18/01	12	1040	7.20	6.27	7.4	9.7		0.80		1.06	3.11	502.7			M.B. Energy, Inc.	32990102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-022	MP-100	1/18/02	6	1311	7.00	7.60	62.0	9.1		<0.04		0.04	0.80	632.5			M.B. Energy, Inc.	32990102
LYC-022	MP-100	2/19/02	8	1156	7.00	6.88	56.7	4.8		<0.04		0.03	0.53	617.3			M.B. Energy, Inc.	32990102
LYC-022	MP-100	5/8/02	10	811	7.20	6.80	55.3	3.9		0.25		0.14	0.73	342.7			M.B. Energy, Inc.	32990102
LYC-023	MP-202	1/21/99	12	587	4.00	3.42	0.0	99.5		1.16		1.40	11.21	232.2			M.B. Energy, Inc.	32990102
LYC-023	MP-202	2/10/99	35	245	4.00	3.94	0.0	36.3		0.37		0.41	3.04	87.0			M.B. Energy, Inc.	32990102
LYC-023	MP-202	2/22/99	4	106	6.00	6.58	5.6	3.2		0.14		0.05	0.27	29.7			M.B. Energy, Inc.	32990102
LYC-023	MP-202	3/9/99	8	237	4.00	4.12	0.0	32.5		0.17		0.37	3.33	85.1			M.B. Energy, Inc.	32990102
LYC-023	MP-202	3/22/99	65	318	6.00	3.61	0.0	48.9		0.37		0.46	3.85	93.2			M.B. Energy, Inc.	32990102
LYC-023	MP-202	4/7/99	5	86	5.00	5.81	4.1	2.0		0.20		0.03	<0.10	23.9			M.B. Energy, Inc.	32990102
LYC-023	MP-202	4/26/99	45	132	4.00	3.97	0.0	14.7		0.60		0.20	1.08	42.1			M.B. Energy, Inc.	32990102
LYC-023	MP-202	5/12/99	3	92	6.50	4.83	1.2	4.0		0.32		0.06	0.51	18.9			M.B. Energy, Inc.	32990102
LYC-023	MP-202	5/25/99	5	93	6.50	6.29	9.9	3.5		0.55		0.05	0.47	24.5			M.B. Energy, Inc.	32990102
LYC-023	MP-202	6/8/99	0	96	5.00	6.34	11.5	5.2		0.38		0.06	0.22	24.8			M.B. Energy, Inc.	32990102
LYC-023	MP-202	6/24/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	7/19/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	7/27/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	8/12/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	8/23/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	9/10/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	9/24/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	10/12/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	10/25/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	11/15/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	11/23/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	12/10/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	12/15/99	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	1/1/00	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	3/8/00	20	89	5.50	4.60	<1.0	24.5		13.06		1.87	7.92	26.0			M.B. Energy, Inc.	32990102
LYC-023	MP-202	4/14/00	45	208	4.00	4.40	0.0	24.8		0.36		0.52	3.22	83.9			M.B. Energy, Inc.	32990102
LYC-023	MP-202	5/16/00	15	97	6.40	6.68	12.4	5.0		1.17		0.29	0.71	21.6			M.B. Energy, Inc.	32990102
LYC-023	MP-202	6/23/00	6	87	6.00	6.14	10.3	4.1		1.15		0.69	<0.10	16.7			M.B. Energy, Inc.	32990102
LYC-023	MP-202	7/26/00	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	8/24/00	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	9/12/00	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	10/19/00	1	205	5.80	4.75	<1.0	8.5		0.12		0.09	0.53	72.2			M.B. Energy, Inc.	32990102
LYC-023	MP-202	11/17/00	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	12/19/00	3	511	3.90	3.65	0.0	75.3		0.40		2.37	8.30	199.3			M.B. Energy, Inc.	32990102
LYC-023	MP-202	1/24/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	2/13/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	3/12/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	4/5/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	5/18/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	6/14/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	7/9/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	8/3/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	9/13/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	10/17/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	11/20/01	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	12/18/01	0														M.B. Energy, Inc.	32990102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
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Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-023	MP-202	1/18/02	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	2/19/02	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	3/14/02	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	4/11/02	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	5/8/02	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	6/13/02	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	7/8/02	0														M.B. Energy, Inc.	32990102
LYC-023	MP-202	8/8/02	0														M.B. Energy, Inc.	32990102
LYC-024	MP-2	2/22/96	15	612	4.00	3.71	0.0	62.7		0.38		6.28	6.20	330.7			M.B. Energy, Inc.	32990102
LYC-024	MP-2	3/29/96	10	672	4.00	3.61	0.0	87.7		0.47		5.98	8.74	318.3			M.B. Energy, Inc.	32990102
LYC-024	MP-2	11/19/98	1	687	4.00	3.30	0.0	67.6		0.61		14.44		335.3			M.B. Energy, Inc.	32990102
LYC-024	MP-2	12/28/98	1	651	4.00	3.57	0.0	71.9		0.58		12.98		313.2			M.B. Energy, Inc.	32990102
LYC-024	MP-2	2/10/99	15	561	4.00	3.73	0.0	68.0		0.35		7.38	7.27	270.7			M.B. Energy, Inc.	32990102
LYC-024	MP-2	2/23/99	5	630	4.00	3.70	0.0	70.5		0.34		9.41		319.3			M.B. Energy, Inc.	32990102
LYC-024	MP-2	3/9/99	8	623	4.00	3.84	0.0	64.5		0.54		8.24		276.1			M.B. Energy, Inc.	32990102
LYC-024	MP-2	3/22/99	10	594	4.00	3.79	0.0	68.8		0.31		5.99		263.1			M.B. Energy, Inc.	32990102
LYC-024	MP-2	4/7/99		638	4.00	3.18	0.0	68.1		0.62		7.13	7.50	255.0			M.B. Energy, Inc.	32990102
LYC-024	MP-2	4/26/99	24	596	4.00	3.30	0.0	66.3		0.56		6.36	6.61	235.5			M.B. Energy, Inc.	32990102
LYC-024	MP-2	5/12/99	4	693	4.00	3.37	0.0	82.1		1.10		7.12	7.27	315.9			M.B. Energy, Inc.	32990102
LYC-024	MP-2	5/25/99	3	698	7.00	3.53	0.0	80.0		1.11		9.38	6.25	330.1			M.B. Energy, Inc.	32990102
LYC-024	MP-2	6/8/99	1	765	4.00	3.70	0.0	96.6		0.62		8.56	<0.10	344.6			M.B. Energy, Inc.	32990102
LYC-024	MP-2	6/24/99	0	819	4.00	3.50	0.0	100.0		0.58		9.39	5.67	366.4			M.B. Energy, Inc.	32990102
LYC-024	MP-2	7/19/99	0														M.B. Energy, Inc.	32990102
LYC-024	MP-2	7/27/99	0														M.B. Energy, Inc.	32990102
LYC-024	MP-2	8/12/99	0														M.B. Energy, Inc.	32990102
LYC-024	MP-2	8/23/99	0														M.B. Energy, Inc.	32990102
LYC-024	MP-2	9/10/99	1	694	4.00	3.06	0.0	83.6		0.43		10.18	4.83	320.9			M.B. Energy, Inc.	32990102
LYC-024	MP-2	9/24/99	0														M.B. Energy, Inc.	32990102
LYC-024	MP-2	10/12/99	2	627	4.00	3.87	0.0	68.0		0.68		9.72	4.91	284.3			M.B. Energy, Inc.	32990102
LYC-024	MP-2	10/25/99	0	624	4.00	3.88	0.0	44.1		0.31		9.76	5.03	284.3			M.B. Energy, Inc.	32990102
LYC-024	MP-2	11/15/99	0	631	4.00	3.29	0.0	56.3		0.37		11.05	4.72	292.3			M.B. Energy, Inc.	32990102
LYC-024	MP-2	11/23/99	0	642	4.00	3.83	0.0	60.3		0.39		10.67	4.89	286.4			M.B. Energy, Inc.	32990102
LYC-024	MP-2	12/10/99	12	605	4.00	3.78	0.0	83.2		0.72		7.50	8.84	295.9			M.B. Energy, Inc.	32990102
LYC-024	MP-2	12/20/99	20	593	4.00	3.75	0.0	76.4		0.58		6.93	8.43	274.6			M.B. Energy, Inc.	32990102
LYC-024	MP-2	1/11/00	3	601	4.50	3.77	0.0	71.6		0.73		9.30	8.85	268.8			M.B. Energy, Inc.	32990102
LYC-024	MP-2	2/8/00	0														M.B. Energy, Inc.	32990102
LYC-024	MP-2	3/8/00	3	629	4.00	3.34	0.0	81.9		0.49		7.44	8.95	268.5			M.B. Energy, Inc.	32990102
LYC-024	MP-2	3/31/00	12	0		3.70	0.0	72.0		0.93		6.48	9.27	239.5			M.B. Energy, Inc.	32990102
LYC-024	MP-2	4/14/00	21	584	4.00	3.71	0.0	67.6		0.57		5.03	7.88	250.3			M.B. Energy, Inc.	32990102
LYC-024	MP-2	5/16/00	2	721	4.00	3.29	0.0	77.9		0.92		9.35	7.04	333.0			M.B. Energy, Inc.	32990102
LYC-024	MP-2	6/23/00	2	631	4.50	3.61	0.0	61.3		1.27		8.61	4.80	269.4			M.B. Energy, Inc.	32990102
LYC-024	MP-2	7/26/00	0	659	4.00	3.59	0.0	77.9		1.42		9.97	4.87	279.7			M.B. Energy, Inc.	32990102
LYC-024	MP-2	8/24/00	6	543	3.90	3.57	0.0	42.9		0.46		7.52	2.54	249.8			M.B. Energy, Inc.	32990102
LYC-024	MP-2	9/12/00	1	552	4.00	3.65	0.0	35.1		0.78		8.74	3.18	234.3			M.B. Energy, Inc.	32990102
LYC-024	MP-2	10/19/00	3	448	4.00	4.16	0.0	42.5		0.47		6.50	2.52	195.3			M.B. Energy, Inc.	32990102
LYC-024	MP-2	11/17/00	2	618	4.00	3.70	0.0	64.9		0.52		10.94	6.71	281.6			M.B. Energy, Inc.	32990102
LYC-024	MP-2	12/19/00	17	349	6.60	6.76	12.9	5.2		<0.04		0.90	0.16	132.1			M.B. Energy, Inc.	32990102
LYC-024	MP-2	1/16/01		0		3.90	0.0	68.0		1.07		9.98	8.29	329.0			M.B. Energy, Inc.	32990102
LYC-024	MP-2	7/5/01	0														M.B. Energy, Inc.	32990102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-024	MP-2	1/15/02	1	0		4.10	3.2	81.0		1.47		8.05	7.09	234.1			M.B. Energy, Inc.	32990102
LYC-025	MP-96	3/29/96	28	906	6.00	7.25	77.8	3.1		0.10		0.03	0.24	435.3			M.B. Energy, Inc.	32990102
LYC-025	MP-96	10/26/98	3	1293	8.00	7.52	152.0	4.0		0.08		0.04		616.0			M.B. Energy, Inc.	32990102
LYC-025	MP-96	11/18/98	0														M.B. Energy, Inc.	32990102
LYC-025	MP-96	12/28/98	0														M.B. Energy, Inc.	32990102
LYC-025	MP-96	1/21/99	15	1330		3.27	0.0	252.3		0.91		8.41	33.65	766.1			M.B. Energy, Inc.	32990102
LYC-025	MP-96	2/10/99	8	1104	4.00	3.28	0.0	211.3		0.88		6.67	25.85	580.7			M.B. Energy, Inc.	32990102
LYC-025	MP-96	2/22/99	4	1192	4.00	3.23	0.0	216.4		0.99		6.66	28.81	607.2			M.B. Energy, Inc.	32990102
LYC-025	MP-96	3/9/99	6	1123	4.00	3.27	0.0	194.5		0.92		5.60	24.98	560.4			M.B. Energy, Inc.	32990102
LYC-025	MP-96	3/22/99	15	1008	4.00	3.29	0.0	168.8		0.89		5.05	20.80	484.1			M.B. Energy, Inc.	32990102
LYC-025	MP-96	4/7/99	8	1073	4.00	2.84	0.0	177.7		1.06		4.97	20.77	433.7			M.B. Energy, Inc.	32990102
LYC-025	MP-96	4/26/99	7	938	4.00	2.88	0.0	150.4		0.98		3.96	16.17	381.8			M.B. Energy, Inc.	32990102
LYC-025	MP-96	5/12/99	6	1056	4.00	3.09	0.0	184.7		1.09		4.50	20.84	450.5			M.B. Energy, Inc.	32990102
LYC-025	MP-96	5/25/99	8	1131	4.00	3.22	0.0	202.8		1.15		5.66	21.51	518.9			M.B. Energy, Inc.	32990102
LYC-025	MP-96	6/8/99	5	1308	4.00	3.24	0.0	253.6		1.43		5.47	25.39	691.7			M.B. Energy, Inc.	32990102
LYC-025	MP-96	6/24/99	3	1437	4.00	3.24	0.0	292.7		1.71		6.52	30.46	764.5			M.B. Energy, Inc.	32990102
LYC-025	MP-96	7/19/99	2	1541	4.00	3.19	0.0	309.9		2.28		8.89	36.41	873.1			M.B. Energy, Inc.	32990102
LYC-025	MP-96	7/27/99	2	1607	4.00	3.27	0.0	326.1		3.01		9.23	41.48	904.4			M.B. Energy, Inc.	32990102
LYC-025	MP-96	8/12/99	1	1688	4.00	3.25	0.0	344.8		3.01		10.19	40.98	1005.0			M.B. Energy, Inc.	32990102
LYC-025	MP-96	8/23/99	1	1664	4.00	3.01	0.0	361.7		3.18		9.92	45.75	1013.9			M.B. Energy, Inc.	32990102
LYC-025	MP-96	9/10/99	2	1705	4.00	2.69	0.0	355.5		2.67		8.21	41.57	1047.3			M.B. Energy, Inc.	32990102
LYC-025	MP-96	9/24/99	1	1746	4.00	3.27	0.0	347.6		2.45		9.27	42.63	1097.3			M.B. Energy, Inc.	32990102
LYC-025	MP-96	10/12/99	2	1737	4.00	3.22	0.0	365.5		1.61		9.11	45.51	1040.8			M.B. Energy, Inc.	32990102
LYC-025	MP-96	10/25/99	2	1785	4.00	3.24	0.0	329.7		1.40		9.00	49.03	1060.0			M.B. Energy, Inc.	32990102
LYC-025	MP-96	11/15/99	3	1825	4.00	2.69	0.0	339.3		1.25		9.84	46.01	1148.7			M.B. Energy, Inc.	32990102
LYC-025	MP-96	11/23/99	2	1861	4.00	3.19	0.0	348.0		1.54		9.59	49.90	1098.6			M.B. Energy, Inc.	32990102
LYC-025	MP-96	12/10/99	4	1710	4.00	3.28	0.0	340.0		1.68		10.00	52.29	1037.1			M.B. Energy, Inc.	32990102
LYC-025	MP-96	12/20/99	8	1590	4.00	3.17	0.0	345.2		1.61		8.60	48.70	836.1			M.B. Energy, Inc.	32990102
LYC-025	MP-96	1/11/00	6	1682	4.00	3.19	0.0	350.8		2.08		10.93	56.35	996.2			M.B. Energy, Inc.	32990102
LYC-025	MP-96	2/8/00	3	1706	4.00	3.06	0.0	356.5		1.75		9.55	57.33	977.0			M.B. Energy, Inc.	32990102
LYC-025	MP-96	3/8/00	10	1237	4.00	2.99	0.0	256.3		1.56		5.95	31.10	642.9			M.B. Energy, Inc.	32990102
LYC-025	MP-96	4/14/00	10	1107	4.00	3.23	0.0	197.6		1.11		4.36	24.36	562.3			M.B. Energy, Inc.	32990102
LYC-025	MP-96	5/16/00	7	1228	4.00	3.02	0.0	234.7		1.51		6.10	29.58	665.6			M.B. Energy, Inc.	32990102
LYC-025	MP-96	6/23/00	9	1184		3.18	0.0	209.2		1.67		6.13	25.16	654.1			M.B. Energy, Inc.	32990102
LYC-025	MP-96	7/26/00	4	1322	4.00	3.19	0.0	255.3		2.19		6.79	28.59	678.3			M.B. Energy, Inc.	32990102
LYC-025	MP-96	8/24/00	7	1223	2.90	2.99	0.0	199.3		1.76		5.88	22.99	622.3			M.B. Energy, Inc.	32990102
LYC-025	MP-96	9/12/00	3	1343	4.00	3.08	0.0	203.5		2.58		7.97	25.77	735.1			M.B. Energy, Inc.	32990102
LYC-025	MP-96	10/19/00	10	1250	4.30	3.27	0.0	224.7		1.32		5.61	23.76	672.2			M.B. Energy, Inc.	32990102
LYC-025	MP-96	11/17/00	3	1366	4.00	3.00	0.0	223.6		1.20		7.49	26.97	681.0			M.B. Energy, Inc.	32990102
LYC-025	MP-96	12/19/00	7	1317	4.10	3.20	0.0	214.0		1.02		8.22	26.59	664.2			M.B. Energy, Inc.	32990102
LYC-026	MP-99	2/24/97	120	843	4.50	2.99	0.0	144.9		1.38		2.77	10.84	344.3			M.B. Energy, Inc.	32990102
LYC-026	MP-99	4/18/97	45	1236		3.06	0.0	252.9		2.70		5.22	23.79	566.7			M.B. Energy, Inc.	32990102
LYC-026	MP-99	9/26/97	5	2360	4.00	2.77	0.0	540.8		15.04		11.54		1109.8			M.B. Energy, Inc.	32990102
LYC-026	MP-99	12/31/97	15	1257	4.00	3.04	0.0	227.2		2.23		6.54	22.83	564.0			M.B. Energy, Inc.	32990102
LYC-026	MP-99	1/28/98	75	1482	4.50	2.41	0.0	307.9		7.89		5.98	21.59	547.1			M.B. Energy, Inc.	32990102
LYC-026	MP-99	4/27/98	250	1194	4.50	2.86	0.0	199.1		4.76		6.69	15.95	437.2			M.B. Energy, Inc.	32990102
LYC-026	MP-99	8/19/98	3	2098	4.00	2.28	0.0	546.7		10.30		12.81	47.08	929.3			M.B. Energy, Inc.	32990102
LYC-026	MP-99	10/26/98	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	11/18/98	0														M.B. Energy, Inc.	32990102



**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-026	MP-99	12/28/98	1	1885	4.00	2.90	0.0	436.9		7.18		12.47		1050.8			M.B. Energy, Inc.	32990102
LYC-026	MP-99	1/21/99	165	1874	4.00	2.81	0.0	435.2		11.23		10.26	47.94	906.1			M.B. Energy, Inc.	32990102
LYC-026	MP-99	2/10/99	110	1501	4.00	2.81	0.0	328.0		7.82		7.17	29.20	608.9			M.B. Energy, Inc.	32990102
LYC-026	MP-99	2/22/99	22	1548	4.00	2.80	0.0	331.7		7.88		7.24	31.77	668.0			M.B. Energy, Inc.	32990102
LYC-026	MP-99	3/9/99	60	1509	4.00	2.82	0.0	310.3		7.42		5.97	28.71	606.5			M.B. Energy, Inc.	32990102
LYC-026	MP-99	3/22/99	139	1443	4.00	2.85	0.0	293.3		7.42		5.86	26.32	582.1			M.B. Energy, Inc.	32990102
LYC-026	MP-99	4/7/99	50	1488	4.00	2.49	0.0	296.9		7.18		5.64	24.90	490.1			M.B. Energy, Inc.	32990102
LYC-026	MP-99	4/26/99	92	1353	4.00	2.51	0.0	256.3		6.09		4.72	19.34	416.3			M.B. Energy, Inc.	32990102
LYC-026	MP-99	5/12/99	22	1504	4.00	2.76	0.0	312.0		7.46		5.75	27.54	499.1			M.B. Energy, Inc.	32990102
LYC-026	MP-99	5/25/99	12	1626	4.00	2.79	0.0	355.7		7.46		7.85	31.89	623.5			M.B. Energy, Inc.	32990102
LYC-026	MP-99	6/8/99	4	1833	4.00	2.83	0.0	420.9		9.20		7.70	36.56	845.5			M.B. Energy, Inc.	32990102
LYC-026	MP-99	6/24/99	4	1973	4.00	2.81	0.0	487.5		11.66		9.34	44.55	922.3			M.B. Energy, Inc.	32990102
LYC-026	MP-99	7/19/99	0	2076	4.00	2.73	0.0	510.1		11.82		13.14	57.21	1088.2			M.B. Energy, Inc.	32990102
LYC-026	MP-99	7/27/99	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	8/12/99	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	8/26/99	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	9/10/99	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	9/27/99	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	10/12/99	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	10/25/99	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	11/15/99	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	11/23/99	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	12/10/99	2	2130	4.00	2.78	0.0	527.1		12.99		11.68	58.99	1118.4			M.B. Energy, Inc.	32990102
LYC-026	MP-99	12/20/99	22	2054	4.00	2.74	0.0	519.2		13.94		10.10	57.93	965.6			M.B. Energy, Inc.	32990102
LYC-026	MP-99	1/11/00	4	2146	4.00	2.78	0.0	530.5		15.95		12.43	64.77	1134.8			M.B. Energy, Inc.	32990102
LYC-026	MP-99	2/8/00	0	2120	4.50	2.38	0.0	564.0		15.32		12.45	75.33	1208.1			M.B. Energy, Inc.	32990102
LYC-026	MP-99	3/8/00	15	1183	4.00	2.89	0.0	238.7		2.03		5.47	27.24	567.3			M.B. Energy, Inc.	32990102
LYC-026	MP-99	4/14/00	30	1223	4.00	3.01	0.0	242.7		4.38		4.75	26.21	528.9			M.B. Energy, Inc.	32990102
LYC-026	MP-99	5/16/00	12	1670	4.00	2.68	0.0	377.7		10.71		7.40	38.69	718.4			M.B. Energy, Inc.	32990102
LYC-026	MP-99	6/23/00	22	1667	4.00	2.77	0.0	366.5		9.95		7.68	34.77	682.1			M.B. Energy, Inc.	32990102
LYC-026	MP-99	7/26/00	1	1821	4.00	2.80	0.0	435.3		10.25		9.15	42.54	843.8			M.B. Energy, Inc.	32990102
LYC-026	MP-99	8/24/00	0	1414	2.60	2.78	0.0	279.6		6.35		6.05	24.09	595.9			M.B. Energy, Inc.	32990102
LYC-026	MP-99	9/12/00	1	1332	4.00	2.85	0.0	221.2		5.04		7.00	18.75	514.0			M.B. Energy, Inc.	32990102
LYC-026	MP-99	10/19/00	29	1620	4.00	2.82	0.0	339.5		7.47		7.20	30.12	713.2			M.B. Energy, Inc.	32990102
LYC-026	MP-99	11/17/00	1	1728	4.10	2.64	0.0	366.8		7.48		9.05	37.61	673.9			M.B. Energy, Inc.	32990102
LYC-026	MP-99	12/19/00	20	1703	4.00	2.78	0.0	361.9		6.76		9.06	34.02	681.7			M.B. Energy, Inc.	32990102
LYC-026	MP-99	1/24/01	6	1863	4.20	3.00	0.0	401.9		6.86		11.17	42.52	961.4			M.B. Energy, Inc.	32990102
LYC-026	MP-99	2/13/01	28	1828	4.00	2.90	0.0	430.4		10.06		11.16	44.40	888.2			M.B. Energy, Inc.	32990102
LYC-026	MP-99	3/12/01	9	1846	4.30	2.82	0.0	429.5		11.42		9.29	46.88	986.3			M.B. Energy, Inc.	32990102
LYC-026	MP-99	4/5/01	12	1874	4.50	2.81	0.0	426.4		12.65		8.37	45.82	995.0			M.B. Energy, Inc.	32990102
LYC-026	MP-99	5/18/01	9	1985	4.20	2.80	0.0	452.7		14.60		9.35	50.49	766.2			M.B. Energy, Inc.	32990102
LYC-026	MP-99	6/14/01	12	2000	4.50	2.67	0.0	456.7		15.78		11.47	47.48	949.7			M.B. Energy, Inc.	32990102
LYC-026	MP-99	7/9/01	6	2122	4.10	2.74	0.0	525.3		15.27		10.64	50.48	1056.7			M.B. Energy, Inc.	32990102
LYC-026	MP-99	8/3/01	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	9/13/01	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	10/17/01	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	11/20/01	0														M.B. Energy, Inc.	32990102
LYC-026	MP-99	12/18/01	17	1486	4.00	2.88	0.0	289.6		5.13		7.99	29.82	646.4			M.B. Energy, Inc.	32990102
LYC-026	MP-99	1/18/02	0	2082	4.00	2.75	0.0	527.2		10.64		12.00	61.71	985.0			M.B. Energy, Inc.	32990102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-026	MP-99	2/19/02	4	2272	4.00	2.75	0.0	600.5		17.65		16.42	74.16	1245.1			M.B. Energy, Inc.	32990102
LYC-026	MP-99	3/14/02	3	2290	4.00	2.74	0.0	589.7		16.18		13.14	67.15	1301.0			M.B. Energy, Inc.	32990102
LYC-026	MP-99	4/11/02	22	2070	4.00	2.83	0.0	568.9		20.41		11.68	60.62	1085.9			M.B. Energy, Inc.	32990102
LYC-026	MP-99	5/8/02	34	2116	4.00	2.81	0.0	542.9		18.58		10.58	60.74	1045.3			M.B. Energy, Inc.	32990102
LYC-026	MP-99	6/13/02	0	1433	4.00	3.15	0.0	237.1		2.86		6.53	29.66	753.0			M.B. Energy, Inc.	32990102
LYC-027	MP-101	2/14/97	20	515	7.00	6.73	32.6	2.4		<0.04		0.03		225.8			M.B. Energy, Inc.	32990102
LYC-027	MP-101	2/24/97	140	1346	4.30	2.77	0.0	268.1		7.91		4.54	17.63	541.3			M.B. Energy, Inc.	32990102
LYC-027	MP-101	4/18/97	35	560		6.58	43.9	7.9		<0.04		0.00	0.33	239.3			M.B. Energy, Inc.	32990102
LYC-027	MP-101	10/26/98	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	11/18/98	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	12/28/98	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	1/21/99	2	286	4.00	4.18	0.0	13.3		<0.04		0.50	1.00	123.0			M.B. Energy, Inc.	32990102
LYC-027	MP-101	2/10/99	3	305	4.00	4.28	0.0	17.1		<0.04		0.51	1.49	134.2			M.B. Energy, Inc.	32990102
LYC-027	MP-101	2/22/99	1	372	5.00	4.34	0.0	17.3		<0.04		0.53	2.08	166.6			M.B. Energy, Inc.	32990102
LYC-027	MP-101	3/9/99	2	335	4.50	4.20	0.0	19.9		<0.04		0.47	1.76	136.1			M.B. Energy, Inc.	32990102
LYC-027	MP-101	3/22/99	10	304	4.00	4.15	0.0	20.4		<0.04		0.55	1.92	130.6			M.B. Energy, Inc.	32990102
LYC-027	MP-101	4/7/99	3	358	4.00	4.14	0.0	20.3		<0.04		0.58	1.92	133.2			M.B. Energy, Inc.	32990102
LYC-027	MP-101	4/26/99	8	339	5.00	4.20	0.0	22.4		0.11		0.54	1.75	138.7			M.B. Energy, Inc.	32990102
LYC-027	MP-101	5/12/99	1	386	4.00	4.40	0.0	29.5		<0.04		0.52	2.35	176.2			M.B. Energy, Inc.	32990102
LYC-027	MP-101	5/25/99	0	397	4.00	4.19	0.0	29.2		<0.04		0.53	2.20	179.3			M.B. Energy, Inc.	32990102
LYC-027	MP-101	6/8/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	6/24/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	7/19/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	7/27/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	8/12/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	8/23/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	9/10/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	9/24/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	10/12/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	10/25/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	11/15/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	11/23/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	12/10/99	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	12/20/99	1	374	4.00	4.30	0.0	26.1		<0.04		0.40	1.91	169.2			M.B. Energy, Inc.	32990102
LYC-027	MP-101	1/11/00	1	423	4.00	4.52	<1.0	20.9		<0.04		0.44	1.90	326.0			M.B. Energy, Inc.	32990102
LYC-027	MP-101	2/8/00	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	3/8/00	60	536	6.50	6.68	36.9	6.1		0.08		0.09	1.01	219.8			M.B. Energy, Inc.	32990102
LYC-027	MP-101	4/14/00	35	503	6.00	7.12	32.2	2.5		0.06		0.08	0.44	216.0			M.B. Energy, Inc.	32990102
LYC-027	MP-101	5/16/00	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	6/23/00	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	7/26/00	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	8/24/00	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	9/12/00	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	9/20/00	1	0		4.80	7.8	12.8		<0.3		3.92	1.16	221.1			M.B. Energy, Inc.	32990102
LYC-027	MP-101	10/4/00	1	0		4.70	7.8	8.8		<0.3		3.00	0.98	258.0			M.B. Energy, Inc.	32990102
LYC-027	MP-101	10/19/00	2	375	4.00	4.56	<1.0	17.3		<0.04		1.11	1.07	162.3			M.B. Energy, Inc.	32990102
LYC-027	MP-101	11/17/00	2	479	4.50	4.30	0.0	18.7		0.04		2.19	1.03	225.6			M.B. Energy, Inc.	32990102
LYC-027	MP-101	12/19/00	8	362	4.10	4.34	0.0	16.8		<0.04		0.85	0.96	160.5			M.B. Energy, Inc.	32990102
LYC-027	MP-101	1/16/01	1	0		4.90	9.6	8.4		<0.3		1.10	1.04	210.0			M.B. Energy, Inc.	32990102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-027	MP-101	1/24/01	2	417	4.70	4.67	<1.0	15.1		<0.04		0.91	1.02	182.6			M.B. Energy, Inc.	32990102
LYC-027	MP-101	2/13/01	2	391	4.40	4.72	<1.0	12.5		0.28		0.57	0.55	162.8			M.B. Energy, Inc.	32990102
LYC-027	MP-101	3/12/01	9	449	5.00	4.23	0.0	20.0		<0.04		0.64	0.97	209.7			M.B. Energy, Inc.	32990102
LYC-027	MP-101	4/5/01	2	452	5.00	4.73	1.0	15.6		0.04		0.66	0.83	213.8			M.B. Energy, Inc.	32990102
LYC-027	MP-101	5/18/01	15	1177	7.20	7.32	67.3	1.5		0.22		0.35	0.22	539.2			M.B. Energy, Inc.	32990102
LYC-027	MP-101	6/14/01	12	441	4.00	4.43	0.0	8.7		0.12		1.13	0.99	205.8			M.B. Energy, Inc.	32990102
LYC-027	MP-101	7/5/01	8	0		4.90	12.0	14.6		<0.3		0.32	<0.50	188.7			M.B. Energy, Inc.	32990102
LYC-027	MP-101	7/9/01	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	8/3/01	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	9/13/01	2	663	5.50	6.55	10.2	6.0		<0.04		0.24	<0.10	352.2			M.B. Energy, Inc.	32990102
LYC-027	MP-101	10/17/01	2	723	5.50	6.28	9.0	7.9		<0.04		0.15	0.18	343.6			M.B. Energy, Inc.	32990102
LYC-027	MP-101	11/20/01	2	741	5.50	6.02	9.6	12.8		<0.04		0.06	0.32	360.0			M.B. Energy, Inc.	32990102
LYC-027	MP-101	12/18/01	20	279	5.80	3.27	0.0	6.1		0.06		0.08	0.32	104.0			M.B. Energy, Inc.	32990102
LYC-027	MP-101	1/18/02	4	561	6.30	6.37	18.3	11.3		<0.04		<0.02	0.33	246.9			M.B. Energy, Inc.	32990102
LYC-027	MP-101	2/19/02	3	594	6.50	6.50	23.8	5.2		<0.04		<0.02	0.35	265.8			M.B. Energy, Inc.	32990102
LYC-027	MP-101	3/14/02	2	624	6.50	6.67	23.2	5.5		0.09		0.07	0.25	277.0			M.B. Energy, Inc.	32990102
LYC-027	MP-101	4/11/02	4	558	7.00	6.34	23.6	4.9		0.08		0.05	0.30	249.0			M.B. Energy, Inc.	32990102
LYC-027	MP-101	5/8/02	8	434	7.00	6.37	23.7	3.3		0.05		<0.02	<0.1	178.7			M.B. Energy, Inc.	32990102
LYC-027	MP-101	6/13/02	5	1227	4.00	2.97	0.0	242.7		22.64		5.61	28.60	520.5			M.B. Energy, Inc.	32990102
LYC-027	MP-101	7/8/02	0														M.B. Energy, Inc.	32990102
LYC-027	MP-101	8/8/02	0														M.B. Energy, Inc.	32990102
LYC-028	MP-104	1/21/99	10	1386	4.00	3.23	0.0	270.4		1.39		8.60	35.46	769.9			M.B. Energy, Inc.	32990102
LYC-028	MP-104	2/10/99	12	1130	4.00	3.23	0.0	220.1		1.36		7.06	25.78	592.3			M.B. Energy, Inc.	32990102
LYC-028	MP-104	2/22/99	5	1194	4.00	3.07	0.0	228.1		1.27		6.66	29.05	639.0			M.B. Energy, Inc.	32990102
LYC-028	MP-104	3/9/99	7	1155	4.00	3.23	0.0	207.5		1.25		5.61	26.02	552.2			M.B. Energy, Inc.	32990102
LYC-028	MP-104	3/22/99	30	1028	4.00	3.24	0.0	173.9		1.30		4.90	20.56	471.1			M.B. Energy, Inc.	32990102
LYC-028	MP-104	4/7/99	12	1113	4.00	2.78	0.0	208.0		1.52		5.33	20.84	464.6			M.B. Energy, Inc.	32990102
LYC-028	MP-104	4/26/99	23	979	4.00	2.82	0.0	162.0		1.39		4.08	16.82	401.3			M.B. Energy, Inc.	32990102
LYC-028	MP-104	5/12/99	9	1101	4.00	3.07	0.0	198.5		1.62		4.83	22.34	487.9			M.B. Energy, Inc.	32990102
LYC-028	MP-104	5/25/99	6	1173	4.00	3.17	0.0	215.7		1.51		5.60	22.34	615.8			M.B. Energy, Inc.	32990102
LYC-028	MP-104	6/8/99	8	1337	4.00	3.22	0.0	274.9		1.90		6.03	26.88	646.2			M.B. Energy, Inc.	32990102
LYC-028	MP-104	6/24/99	4	1470	4.00	3.23	0.0	297.9		2.41		6.62	31.08	803.9			M.B. Energy, Inc.	32990102
LYC-028	MP-104	7/19/99	3	1567	4.00	3.19	0.0	316.9		1.97		9.52	39.49	814.6			M.B. Energy, Inc.	32990102
LYC-028	MP-104	7/27/99	2	1628	4.00	3.27	0.0	340.7		2.06		8.67	39.80	876.4			M.B. Energy, Inc.	32990102
LYC-028	MP-104	8/12/99	1	1709	4.00	3.24	0.0	349.1		2.35		11.22	46.55	878.9			M.B. Energy, Inc.	32990102
LYC-028	MP-104	8/23/99	1	1715	4.00	2.81	0.0	326.9		2.49		10.51	48.45	998.9			M.B. Energy, Inc.	32990102
LYC-028	MP-104	9/10/99	2	1751	4.00	2.66	0.0	372.1		2.15		8.95	46.89	953.0			M.B. Energy, Inc.	32990102
LYC-028	MP-104	9/24/99	1	1820	4.00	3.22	0.0	357.1		2.27		9.46	47.71	984.2			M.B. Energy, Inc.	32990102
LYC-028	MP-104	10/12/99	3	1786	4.00	3.18	0.0	381.7		1.99		9.35	48.57	977.8			M.B. Energy, Inc.	32990102
LYC-028	MP-104	10/25/99	3	1845	4.00	3.19	0.0	350.5		1.70		9.09	48.91	1088.7			M.B. Energy, Inc.	32990102
LYC-028	MP-104	11/15/99	4	1873	4.00	2.67	0.0	373.2		1.79		12.19	54.16	1027.8			M.B. Energy, Inc.	32990102
LYC-028	MP-104	11/23/99	3	1919	4.00	3.17	0.0	393.9		2.02		10.31	53.93	1086.1			M.B. Energy, Inc.	32990102
LYC-028	MP-104	12/10/99	5	1761	4.00	3.16	0.0	369.2		2.12		10.66	54.99	1085.2			M.B. Energy, Inc.	32990102
LYC-028	MP-104	12/20/99	15	1643	4.00	3.12	0.0	354.7		2.34		8.91	51.33	983.3			M.B. Energy, Inc.	32990102
LYC-028	MP-104	1/11/00	6	1684	4.00	3.15	0.0	363.3		2.54		10.31	54.85	990.6			M.B. Energy, Inc.	32990102
LYC-028	MP-104	2/8/00	2	1747	4.50	2.69	0.0	377.5		2.30		10.13	60.64	1107.2			M.B. Energy, Inc.	32990102
LYC-028	MP-104	3/8/00	15	1237	4.00	2.90	0.0	266.1		2.38		6.09	30.97	669.8			M.B. Energy, Inc.	32990102
LYC-028	MP-104	4/14/00	30	1148	4.00	3.17	0.0	212.5		1.63		4.75	25.97	597.5			M.B. Energy, Inc.	32990102
LYC-028	MP-104	5/16/00	12	1262	4.00	6.12	0.0	244.3		2.09		6.18	29.50	688.8			M.B. Energy, Inc.	32990102

**Blacklick Creek Watershed Assessment / Restoration Plan**

**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-028	MP-104	6/23/00	15	1211	4.00	3.13	0.0	223.9		2.15		6.33	25.70	593.7			M.B. Energy, Inc.	32990102
LYC-028	MP-104	7/26/00	6	1484	4.00	3.16	0.0	262.3		2.60		6.89	28.39	667.1			M.B. Energy, Inc.	32990102
LYC-028	MP-104	8/24/00	10	1400	3.10	3.05	0.0	213.3		2.33		6.15	23.49	671.4			M.B. Energy, Inc.	32990102
LYC-028	MP-104	9/12/00	6	1336	4.20	3.16	0.0	214.9		3.73		8.40	25.99	723.6			M.B. Energy, Inc.	32990102
LYC-028	MP-104	10/19/00	1	1036	4.50	3.20	0.0	231.7		1.47		6.50	24.68	618.9			M.B. Energy, Inc.	32990102
LYC-028	MP-104	11/17/00	5	1160	4.50	2.96	0.0	265.6		1.42		8.60	32.71	703.9			M.B. Energy, Inc.	32990102
LYC-028	MP-104	12/19/00	10	1106	4.00	3.14	0.0	264.4		1.35		9.76	33.03	746.0			M.B. Energy, Inc.	32990102
LYC-028	MP-104	1/24/01	6	1190	4.30	3.23	0.0	272.7		1.10		9.63	34.35	877.4			M.B. Energy, Inc.	32990102
LYC-028	MP-104	2/13/01	8	1226	4.00	3.21	0.0	274.5		1.28		10.47	34.26	712.1			M.B. Energy, Inc.	32990102
LYC-028	MP-104	3/12/01	9	1088	4.00	3.15	0.0	238.7		1.34		7.72	31.68	709.6			M.B. Energy, Inc.	32990102
LYC-028	MP-104	4/5/01	9	998	4.00	3.23	0.0	233.7		1.59		7.03	30.85	671.1			M.B. Energy, Inc.	32990102
LYC-028	MP-104	5/18/01	8	1352	4.20	3.23	0.0	225.2		2.01		7.16	30.88	621.9			M.B. Energy, Inc.	32990102
LYC-028	MP-104	6/14/01	6	1440	4.00	3.11	0.0	237.9		2.51		8.09	28.91	718.2			M.B. Energy, Inc.	32990102
LYC-028	MP-104	7/9/01	3	1432	4.50	3.20	0.0	265.2		2.06		7.54	30.92	776.1			M.B. Energy, Inc.	32990102
LYC-028	MP-104	8/3/01	4	1654	4.00	3.24	0.0	251.9		2.37		8.40	33.37	803.1			M.B. Energy, Inc.	32990102
LYC-028	MP-104	9/13/01	1	1670	4.00	3.22	0.0	251.7		2.16		7.94	32.07	908.5			M.B. Energy, Inc.	32990102
LYC-028	MP-104	10/17/01	2	1426	4.00	3.32	0.0	238.8		2.84		8.09	27.63	778.6			M.B. Energy, Inc.	32990102
LYC-028	MP-104	11/20/01	3	1596	5.50	3.33	0.0	229.5		2.50		7.62	26.71	812.0			M.B. Energy, Inc.	32990102
LYC-028	MP-104	12/18/01	15	940	4.00	3.26	0.0	192.4		0.76		6.99	23.96	667.6			M.B. Energy, Inc.	32990102
LYC-028	MP-104	1/18/02	8	1898	4.00	3.18	0.0	326.8		1.09		9.27	43.32	970.8			M.B. Energy, Inc.	32990102
LYC-028	MP-104	2/19/02	4	1594	4.00	3.22	0.0	365.9		1.85		13.25	52.88	1081.5			M.B. Energy, Inc.	32990102
LYC-028	MP-104	3/14/02	8	1650	4.00	3.21	0.0	381.8		2.21		11.05	48.69	1035.5			M.B. Energy, Inc.	32990102
LYC-028	MP-104	4/11/02	8	1764	4.00	3.24	0.0	368.5		2.83		10.44	49.47	953.9			M.B. Energy, Inc.	32990102
LYC-028	MP-104	5/8/02	8	1306	4.00	3.22	0.0	318.4		2.82		8.73	43.55	862.5			M.B. Energy, Inc.	32990102
LYC-028	MP-104	6/13/02	3	1634	4.00	3.18	0.0	249.2		2.25		7.40	31.38	728.1			M.B. Energy, Inc.	32990102
LYC-028	MP-104	7/8/02	3	1520	4.00	3.09	0.0	282.8		3.23		8.30	35.40	922.6			M.B. Energy, Inc.	32990102
LYC-028	MP-104	8/8/02	2	1586	4.00	3.17	0.0	264.7		4.46		7.68	34.12	947.1			M.B. Energy, Inc.	32990102
LYC-029	MP-105	1/21/99	10	1445	4.00	3.10	0.0	270.5		1.85		7.61	31.75	735.2			M.B. Energy, Inc.	32990102
LYC-029	MP-105	2/10/99	25	1038	4.00	3.09	0.0	185.6		1.78		4.99	18.45	458.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	2/22/99	12	1229	4.00	3.06	0.0	226.4		2.16		6.01	26.11	605.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	3/9/99	7	1042	4.00	3.08	0.0	175.6		1.66		3.76	18.17	458.1			M.B. Energy, Inc.	32990102
LYC-029	MP-105	3/22/99	20	914	4.00	3.12	0.0	149.5		1.65		3.57	15.44	325.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	4/7/99	10	1110	4.00	2.66	0.0	371.6		2.20		4.38	17.72	438.6			M.B. Energy, Inc.	32990102
LYC-029	MP-105	4/26/99	27	891	4.00	2.73	0.0	143.1		1.66		2.98	12.28	299.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	5/12/99	13	1205	4.00	2.95	0.0	228.3		2.75		5.25	26.50	501.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	5/25/99	7	1403	4.00	3.01	0.0	281.3		2.75		6.57	29.08	724.2			M.B. Energy, Inc.	32990102
LYC-029	MP-105	6/8/99	6	1585	4.00	3.06	0.0	339.4		3.34		7.08	34.22	825.1			M.B. Energy, Inc.	32990102
LYC-029	MP-105	6/24/99	4	1763	4.00	3.14	0.0	368.8		3.64		7.91	29.54	962.7			M.B. Energy, Inc.	32990102
LYC-029	MP-105	7/19/99	3	1906	4.00	3.00	0.0	408.4		3.34		11.89	53.28	1054.8			M.B. Energy, Inc.	32990102
LYC-029	MP-105	7/27/99	3	1980	4.00	3.13	0.0	432.0		3.31		0.59	52.33	1151.1			M.B. Energy, Inc.	32990102
LYC-029	MP-105	8/12/99	2	2062	4.00	3.08	0.0	441.5		3.42		12.47	56.82	1223.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	8/23/99	2	2078	4.00	2.70	0.0	429.0		3.65		12.79	63.23	1328.9			M.B. Energy, Inc.	32990102
LYC-029	MP-105	9/10/99	2	2120	4.00	2.54	0.0	470.7		2.90		10.45	57.37	1349.8			M.B. Energy, Inc.	32990102
LYC-029	MP-105	9/24/99	1	2150	4.00	3.67	0.0	361.6		3.08		10.43	57.25	1286.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	10/12/99	3	2212	4.00	3.03	0.0	486.1		2.85		11.31	62.59	1323.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	10/25/99	3	2272	4.00	2.99	0.0	459.6		3.05		11.84	67.07	1487.4			M.B. Energy, Inc.	32990102
LYC-029	MP-105	11/15/99	3	2320	4.00	2.54	0.0	498.4		3.17		13.30	68.21	1340.4			M.B. Energy, Inc.	32990102
LYC-029	MP-105	11/23/99	3	2350	4.00	3.01	0.0	542.8		4.38		12.79	71.01	1382.1			M.B. Energy, Inc.	32990102
LYC-029	MP-105	12/10/99	5	2060	4.00	3.00	0.0	456.0		4.26		10.80	59.92	1356.2			M.B. Energy, Inc.	32990102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-029	MP-105	12/20/99	12	1971	4.00	2.87	0.0	469.6		3.75		8.34	49.45	1012.3			M.B. Energy, Inc.	32990102
LYC-029	MP-105	1/11/00	4	1949	4.00	2.97	0.0	433.1		5.87		10.68	59.03	1201.7			M.B. Energy, Inc.	32990102
LYC-029	MP-105	2/8/00	4	2004	4.00	2.51	0.0	463.5		5.70		10.48	67.91	1182.9			M.B. Energy, Inc.	32990102
LYC-029	MP-105	3/8/00	9	1093	4.00	2.91	0.0	210.8		2.22		4.60	22.06	540.4			M.B. Energy, Inc.	32990102
LYC-029	MP-105	3/31/00	15	0		3.10	0.0	196.0		3.10		4.51	22.10	506.4			M.B. Energy, Inc.	32990102
LYC-029	MP-105	4/14/00	8	1097	4.00	3.11	0.0	193.1		1.67		3.67	21.13	502.4			M.B. Energy, Inc.	32990102
LYC-029	MP-105	5/16/00	12	1403	4.00	2.94	0.0	280.9		3.70		6.24	32.37	679.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	6/5/00	12	0		3.00	0.0	200.0		3.32		5.04	22.80	444.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	6/23/00	15	1261	4.00	3.08	0.0	229.7		3.41		5.85	25.39	444.8			M.B. Energy, Inc.	32990102
LYC-029	MP-105	7/26/00	9	1536	4.00	3.04	0.0	309.9		3.52		7.12	33.46	749.8			M.B. Energy, Inc.	32990102
LYC-029	MP-105	8/24/00	6	1563	2.70	2.90	0.0	295.2		2.81		6.89	32.95	860.9			M.B. Energy, Inc.	32990102
LYC-029	MP-105	9/12/00	1	1739	4.30	2.95	0.0	306.3		3.21		9.02	38.31	1007.8			M.B. Energy, Inc.	32990102
LYC-029	MP-105	9/20/00	8	0		3.00	0.0	266.0		3.59		6.85	31.70	785.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	10/4/00	8	0		3.00	0.0	304.0		3.29		7.78	38.20	924.8			M.B. Energy, Inc.	32990102
LYC-029	MP-105	10/19/00	6	1634	4.50	2.99	0.0	321.1		2.81		7.48	32.04	776.1			M.B. Energy, Inc.	32990102
LYC-029	MP-105	11/17/00	8	1810	4.00	2.76	0.0	387.3		3.40		9.66	45.88	905.7			M.B. Energy, Inc.	32990102
LYC-029	MP-105	12/19/00	5	1583	4.00	3.03	0.0	333.3		2.70		9.94	41.80	830.6			M.B. Energy, Inc.	32990102
LYC-029	MP-105	1/16/01	4	0		3.10	0.0	360.0		4.22		8.85	52.10	1071.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	1/24/01	6	1889	4.40	2.98	0.0	405.9		3.35		10.09	50.88	1075.3			M.B. Energy, Inc.	32990102
LYC-029	MP-105	2/13/01	10	1460	4.00	3.00	0.0	266.4		2.60		7.46	28.84	739.0			M.B. Energy, Inc.	32990102
LYC-029	MP-105	3/12/01	9	1216	4.10	3.01	0.0	193.7		1.84		4.95	21.10	560.4			M.B. Energy, Inc.	32990102
LYC-029	MP-105	4/5/01	8	1076	4.00	3.13	0.0	166.8		1.57		4.28	17.41	465.7			M.B. Energy, Inc.	32990102
LYC-029	MP-105	5/18/01	8	1193	4.20	3.21	0.0	168.7		1.41		4.94	20.77	511.8			M.B. Energy, Inc.	32990102
LYC-029	MP-105	6/14/01	0														M.B. Energy, Inc.	32990102
LYC-029	MP-105	7/5/01	10	0		3.30	0.0	225.2		2.15		5.63	25.40	485.7			M.B. Energy, Inc.	32990102
LYC-029	MP-105	7/9/01	5	1313	4.00	3.15	0.0	207.6		2.02		5.67	23.49	732.4			M.B. Energy, Inc.	32990102
LYC-029	MP-105	8/3/01	4	1755	4.00	3.16	0.0	324.7		2.60		8.93	42.68	1015.1			M.B. Energy, Inc.	32990102
LYC-029	MP-105	9/13/01	0														M.B. Energy, Inc.	32990102
LYC-029	MP-105	10/17/01	0														M.B. Energy, Inc.	32990102
LYC-029	MP-105	11/20/01	0														M.B. Energy, Inc.	32990102
LYC-029	MP-105	12/18/01	5	1519	4.00	3.22	0.0	185.7		1.13		6.19	20.96	800.1			M.B. Energy, Inc.	32990102
LYC-029	MP-105	1/18/02	6	2094	4.00	3.03	0.0	456.4		2.71		10.69	56.37	1202.5			M.B. Energy, Inc.	32990102
LYC-029	MP-105	2/19/02	4	2072	4.00	2.98	0.0	490.8		5.18		14.46	68.13	1226.5			M.B. Energy, Inc.	32990102
LYC-029	MP-105	3/14/02	5	2074	4.00	2.95	0.0	512.8		7.02		11.59	61.65	1235.8			M.B. Energy, Inc.	32990102
LYC-029	MP-105	4/11/02	4	1773	4.00	2.99	0.0	418.1		5.45		9.50	51.36	947.9			M.B. Energy, Inc.	32990102
LYC-029	MP-105	5/8/02	6	1658	4.00	3.07	0.0	336.7		4.21		7.16	41.88	813.4			M.B. Energy, Inc.	32990102
LYC-029	MP-105	6/13/02	1	1678	4.00	2.99	0.0	303.5		6.18		8.24	34.98	790.2			M.B. Energy, Inc.	32990102
LYC-029	MP-105	7/8/02	0														M.B. Energy, Inc.	32990102
LYC-029	MP-105	8/8/02	1	1356	7.30	8.01	126.6	5.7		2.38		1.31	1.39	708.6			M.B. Energy, Inc.	32990102
LYC-030	MP-106	1/21/99	25	1643	4.00	2.95	0.0	355.6		4.51		8.27	40.78	865.5			M.B. Energy, Inc.	32990102
LYC-030	MP-106	2/10/99	35	1318	4.00	2.93	0.0	270.8		4.56		6.30	26.03	558.7			M.B. Energy, Inc.	32990102
LYC-030	MP-106	2/22/99	16	1460	4.00	2.80	0.0	292.7		4.47		6.77	31.60	682.2			M.B. Energy, Inc.	32990102
LYC-030	MP-106	3/9/99	22	1299	4.00	2.94	0.0	248.7		4.31		5.38	25.51	532.0			M.B. Energy, Inc.	32990102
LYC-030	MP-106	3/22/99	65	1115	4.00	2.99	0.0	204.4		3.51		4.04	19.65	581.5			M.B. Energy, Inc.	32990102
LYC-030	MP-106	4/7/99	22	1322	4.00	2.54	0.0	247.2		4.32		5.33	21.62	868.9			M.B. Energy, Inc.	32990102
LYC-030	MP-106	4/26/99	63	1138	4.00	2.60	0.0	202.1		3.40		3.89	17.23	401.3			M.B. Energy, Inc.	32990102
LYC-030	MP-106	5/12/99	8	1404	4.00	4.30	0.0	270.0		4.69		5.58	27.25	522.8			M.B. Energy, Inc.	32990102
LYC-030	MP-106	5/25/99	6	1556	4.00	3.45	0.0	304.0		4.49		7.16	29.97	617.6			M.B. Energy, Inc.	32990102
LYC-030	MP-106	6/8/99	3	1717	4.00	2.96	0.0	366.4		5.14		7.74	35.27	869.7			M.B. Energy, Inc.	32990102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-030	MP-106	6/24/99	1	1862	4.00	2.99	0.0	405.1		5.37		8.49	40.81	1007.2			M.B. Energy, Inc.	32990102
LYC-030	MP-106	7/19/99	0	1995	4.00	2.90	0.0	444.0		4.75		12.65	55.85	996.3			M.B. Energy, Inc.	32990102
LYC-030	MP-106	7/27/99	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	8/12/99	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	8/23/99	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	9/10/99	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	9/24/99	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	10/12/99	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	10/25/99	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	11/15/99	0	2406	4.00	2.48	0.0	558.0		4.81		14.16	72.58	1440.4			M.B. Energy, Inc.	32990102
LYC-030	MP-106	11/23/99	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	12/10/99	4	2224	4.00	2.89	0.0	524.0		7.78		11.48	67.91	1271.3			M.B. Energy, Inc.	32990102
LYC-030	MP-106	12/20/99	12	1734	4.00	2.98	0.0	368.3		7.55		9.47	58.03	1003.1			M.B. Energy, Inc.	32990102
LYC-030	MP-106	1/11/00	3	2106	4.00	2.86	0.0	483.7		11.11		12.65	73.81	1260.3			M.B. Energy, Inc.	32990102
LYC-030	MP-106	2/8/00	2	2122	4.00	2.44	0.0	500.3		8.96		11.33	70.36	1241.7			M.B. Energy, Inc.	32990102
LYC-030	MP-106	3/8/00	8	1367	4.00	2.72	0.0	302.7		5.43		5.96	32.05	648.4			M.B. Energy, Inc.	32990102
LYC-030	MP-106	3/31/00	20	0		2.90	0.0	288.0		6.99		5.45	29.60	488.8			M.B. Energy, Inc.	32990102
LYC-030	MP-106	4/14/00	25	1351	4.00	2.92	0.0	274.7		8.31		5.15	29.21	608.2			M.B. Energy, Inc.	32990102
LYC-030	MP-106	5/16/00	7	1606	4.00	2.81	0.0	330.8		6.67		6.76	35.48	757.8			M.B. Energy, Inc.	32990102
LYC-030	MP-106	6/5/00	8	0		2.90	0.0	276.0		4.76		4.84	24.60	574.0			M.B. Energy, Inc.	32990102
LYC-030	MP-106	6/23/00	8	1573	4.00	2.88	0.0	312.1		5.41		7.04	32.06	732.4			M.B. Energy, Inc.	32990102
LYC-030	MP-106	7/26/00	2	1701	4.00	2.93	0.0	346.5		5.60		8.12	37.61	821.0			M.B. Energy, Inc.	32990102
LYC-030	MP-106	8/24/00	1	1665	2.60	2.81	0.0	335.7		4.49		7.81	36.96	858.1			M.B. Energy, Inc.	32990102
LYC-030	MP-106	9/12/00	0	1778	4.00	2.85	0.0	338.9		4.13		9.62	39.87	947.5			M.B. Energy, Inc.	32990102
LYC-030	MP-106	9/20/00	4	0		2.90	0.0	322.0		5.96		8.28	38.00	802.9			M.B. Energy, Inc.	32990102
LYC-030	MP-106	10/4/00	4	0		2.90	0.0	378.0		5.64		9.02	46.80	947.6			M.B. Energy, Inc.	32990102
LYC-030	MP-106	10/19/00	20	1631	4.00	2.95	0.0	359.6		3.60		7.90	40.06	790.4			M.B. Energy, Inc.	32990102
LYC-030	MP-106	11/17/00	10	1999	4.00	2.66	0.0	466.3		5.56		10.90	54.44	1008.7			M.B. Energy, Inc.	32990102
LYC-030	MP-106	12/19/00	8	1778	4.00	2.80	0.0	439.6		6.33		11.45	49.86	897.8			M.B. Energy, Inc.	32990102
LYC-030	MP-106	1/16/01	1	0		3.00	0.0	410.0		6.94		9.41	55.10	890.0			M.B. Energy, Inc.	32990102
LYC-030	MP-106	1/24/01	1	2032	4.40	2.86	0.0	473.3		6.03		11.66	58.73	1158.5			M.B. Energy, Inc.	32990102
LYC-030	MP-106	2/13/01	6	1653	4.00	2.90	0.0	324.0		4.21		9.20	33.76	765.8			M.B. Energy, Inc.	32990102
LYC-030	MP-106	3/12/01	2	1484	4.20	2.90	0.0	267.9		3.51		6.10	28.73	700.9			M.B. Energy, Inc.	32990102
LYC-030	MP-106	4/5/01	4	1422	4.00	2.98	0.0	245.7		3.25		5.97	27.01	677.7			M.B. Energy, Inc.	32990102
LYC-030	MP-106	5/18/01	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	6/14/01	2	1647	4.00	2.90	0.0	304.3		4.65		8.74	32.82	821.6			M.B. Energy, Inc.	32990102
LYC-030	MP-106	7/5/01	5	0		3.20	0.0	322.8		4.38		7.55	35.40	752.5			M.B. Energy, Inc.	32990102
LYC-030	MP-106	7/9/01	5	1776	4.20	2.95	0.0	332.8		4.21		8.37	38.16	930.3			M.B. Energy, Inc.	32990102
LYC-030	MP-106	8/3/01	0	1972	4.00	3.01	0.0	393.5		4.41		10.71	50.18	1025.1			M.B. Energy, Inc.	32990102
LYC-030	MP-106	9/13/01	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	10/17/01	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	11/20/01	0														M.B. Energy, Inc.	32990102
LYC-030	MP-106	12/18/01	5	1589	4.00	3.13	0.0	252.4		2.20		7.54	28.71	788.5			M.B. Energy, Inc.	32990102
LYC-030	MP-106	1/18/02	2	2300	4.00	2.89	0.0	593.3		6.88		13.68	70.65	1288.6			M.B. Energy, Inc.	32990102
LYC-030	MP-106	2/19/02	3	2274	4.00	2.84	0.0	574.9		10.96		14.75	72.50	1291.7			M.B. Energy, Inc.	32990102
LYC-030	MP-106	3/14/02	4	2248	4.00	2.81	0.0	586.6		13.10		12.20	67.08	1282.4			M.B. Energy, Inc.	32990102
LYC-030	MP-106	4/11/02	3	2010	4.00	2.87	0.0	494.8		10.27		10.26	54.57	1158.5			M.B. Energy, Inc.	32990102
LYC-030	MP-106	5/8/02	8	1900	4.00	2.96	0.0	415.1		7.95		8.23	48.63	953.3			M.B. Energy, Inc.	32990102
LYC-030	MP-106	6/13/02	0														M.B. Energy, Inc.	32990102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-030	MP-106	7/8/02	0	1651	4.00	3.07	0.0	289.3		4.52		7.62	35.86	907.3			M.B. Energy, Inc.	32990102
LYC-030	MP-106	8/8/02	0														M.B. Energy, Inc.	32990102
LYC-033	601397	6/1/02	75	1400		3.15	1.0	269.0		68.80		4.54	22.30	708.0	2		ICCD - Multi County	
LYC-034	601398	6/1/02	275	1560		2.79	1.0	328.0		34.30		5.11	34.80	738.0	1		ICCD - Multi County	
LYC-036	601400	6/1/02	40	2100		2.90	1.0	752.0		87.80		8.90	96.20	1335.0	2		ICCD - Multi County	
LYC-037	601401	6/1/02	10	5400		2.44	1.0	1600.0		529.00		11.40	243.00	4662.0	63		ICCD - Multi County	
LYC-039	601434	6/1/02	10	875		3.22	1.0	114.0		2.52		3.71	12.40	398.0	8		ICCD - Multi County	
LYC-042	601437	6/1/02	100	880		3.83	1.0	44.0		0.38		2.02	3.72	422.0	3		ICCD - Multi County	
LYC-043	601438	6/1/02	2	8000		2.54	1.0	1000.0		1811.00		25.40	532.00	8275.0	59		ICCD - Multi County	
LYC-044	601439	6/1/02	40	1750		3.17	1.0	589.0		152.00		6.10	41.20	1092.0	16		ICCD - Multi County	
LYC-045	601440	6/1/02	250	1500		5.32	3.2	12.8		0.49		1.38	1.88	842.0	12		ICCD - Multi County	
LYC-047	601469	6/1/02	3	400		5.01	2.8	20.0		0.13		3.06	1.62	182.0	11		ICCD - Multi County	
LYC-048	601470	6/1/02	5	2400		2.69	1.0	599.0		112.00		6.70	33.90	1045.0	9		ICCD - Multi County	
LYC-050	601466	6/1/02	6	1060		3.32	1.0	291.0		124.00		4.62	5.88	490.0	7		ICCD - Multi County	
LYC-051	601467	6/1/02	5	1900		5.13	14.8	525.0		273.00		30.10	0.14	1275.0	14		ICCD - Multi County	
LYC-055	KBLYT1	2/27/02				2.80	0.0	324.6	757.8	83.20	4.64	58.70	3.90	964.0	12		Stream Team	
LYC-055	KBLYT1	11/5/02				2.70	0.0	516.6	1336.6	182.00	12.72	121.00	5.32	1949.0	1337		Stream Team	
LYC-055	KBLYT1	1/17/03				2.80	0.0	245.6	543.4	46.00	3.67	2.38	33.30	782.1	2		Stream Team	
LYC-055	KBLYT1	2/26/03				2.80	0.0	230.6	500.4	54.80	2.48	3.34	41.70	786.6	6		Stream Team	
LYC-055	KBLYT1	3/18/03				2.80	0.0	167.6	373.2	37.90	3.02	3.00	31.00	554.5	10		Stream Team	
LYC-055	KBLYT1	4/24/03				2.80	0.0		501.2	54.90	2.37	3.42	41.20	670.3	<2		Stream Team	
LYC-055	KBLYT1	5/29/03				2.70	0.0		574.0	59.00	21.75	3.45	48.00	797.8	<2		Stream Team	
LYC-055	KBLYT1	6/24/03				2.80	0.0		520.0	55.30	18.17	3.53	45.00	696.9	<2		Stream Team	
LYC-055	KBLYT1	7/31/03				2.70	0.0		474.8	45.80	3.80	2.92	38.90	619.5	<2		Stream Team	
LYC-055	KBLYT1	8/28/03				2.80	0.0		470.8	46.80	2.00	3.81	44.70	731.1	8		Stream Team	
LYC-055	KBLYT1	9/30/03				2.70	0.0		599.6	58.40	1.91	3.82	51.60	666.3	2		Stream Team	
LYC-055	KBLYT1	10/30/03				2.70	0.0		625.6	68.40	3.13	3.95	57.30	772.0	12		Stream Team	
LYC-055	KBLYT1	11/30/03				2.80	0.0		399.8	43.70	2.17	3.51	34.60	571.6	<2		Stream Team	
LYC-056	KBLYT2	2/28/02				5.70	60.0		10.0	13.10	11.51	7.00	6.79	1077.0	28		Stream Team	
LYC-056	KBLYT2	11/5/02				4.30	0.0		347.8	74.40	35.99	51.80	7.00	1766.1	4		Stream Team	
LYC-056	KBLYT2	1/17/03				3.00	0.0	169.6	435.8	50.60	1.21	3.61	42.40	833.8	8		Stream Team	
LYC-056	KBLYT2	2/26/03				3.00	0.0	148.2	388.2	45.00	3.15	3.53	37.50	833.7	2		Stream Team	
LYC-056	KBLYT2	3/18/03				3.10	0.0	76.4	257.0	25.00	4.09	3.03	25.30	608.4	10		Stream Team	
LYC-056	KBLYT2	4/24/03				3.00	0.0		333.0	35.60	3.17	3.41	33.30	631.6	26		Stream Team	
LYC-056	KBLYT2	5/29/03				3.00	0.0		363.0	34.20	10.63	3.54	39.30	837.3	30		Stream Team	
LYC-056	KBLYT2	6/24/03				4.10	5.4		189.0	30.50	16.47	3.64	25.90	861.5	48		Stream Team	
LYC-056	KBLYT2	7/31/03				3.70	0.0		216.0	24.70	14.91	3.20	26.00	678.4	38		Stream Team	
LYC-056	KBLYT2	8/28/03				4.40	10.8		153.4	22.50	9.93	3.53	23.80	722.2	8		Stream Team	
LYC-056	KBLYT2	9/30/03				3.40	0.0		256.4	26.60	11.09	3.85	32.70	699.0	54		Stream Team	
LYC-056	KBLYT2	10/30/03				3.30	0.0		295.8	32.00	2.39	4.18	37.40	878.6	54		Stream Team	
LYC-056	KBLYT2	11/30/03				3.50	0.0		194.6	24.90	4.32	3.72	24.80	662.0	42		Stream Team	
LYC-069	MP-74	2/22/96		155	6.00	6.92	11.0	1.9		0.23		0.10	0.18	35.4			M.B. Energy, Inc.	32990102
LYC-069	MP-74	4/24/96		157	6.50	6.11	11.2	2.4		0.16		0.12	0.12	35.8			M.B. Energy, Inc.	32990102
LYC-069	MP-74	5/21/96		136	7.00	6.65	12.3	3.6		0.19		0.09	0.12	33.9			M.B. Energy, Inc.	32990102
LYC-069	MP-74	6/24/96		156	7.00	6.94	15.5	2.4		0.27		0.15	0.15	38.7			M.B. Energy, Inc.	32990102
LYC-069	MP-74	7/16/96		165	7.50	7.00	18.4	2.8		0.23		0.14	0.15	42.0			M.B. Energy, Inc.	32990102
LYC-069	MP-74	8/20/96		176	7.00	7.05	24.0	3.1		0.35		0.13	<0.10	33.2			M.B. Energy, Inc.	32990102
LYC-069	YC-01	7/11/97	6300			6.40	24.0	<2.0		0.38		0.14	<0.50	64.0	<3		Yellow Creek Proj.	
LYC-069	S1	8/21/97		0		6.40	30.0	2.2		0.35		0.23	<0.50	33.2			PADEP	32950109

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-069	YC-01	8/28/97	8000			6.30	34.0	<2.0		0.17		0.12	0.00	39.0	2		Yellow Creek Proj.	
LYC-069	MP-74	9/6/97		185	7.00	6.65	22.3	6.8		0.23		0.09	<0.10	42.1			M.B. Energy, Inc.	32990102
LYC-069	YC-01	10/2/97	13000			6.30	30.0	<2.0		<0.3		0.17	<0.50	58.0	<3		Yellow Creek Proj.	
LYC-069	YC-01	12/5/97	70000			6.30	18.0	3.0		0.70		0.20	0.50	40.0	6		Yellow Creek Proj.	
LYC-069	MP-74	12/31/97		149	5.00	6.76	14.6	6.0		0.13		0.11	<0.10	31.3			M.B. Energy, Inc.	32990102
LYC-069	MP-74	1/28/98		141	6.50	6.79	11.8	12.5		0.27		0.08	0.20	27.7			M.B. Energy, Inc.	32990102
LYC-069	YC-01	1/28/98	71300			6.10	20.0	<2.0		<0.3		0.10	<0.50	31.0	<3		Yellow Creek Proj.	
LYC-069	YC-01	2/23/98	83900			6.30	20.0	<2.0		<0.3		0.05	0.50	51.0	<3		Yellow Creek Proj.	
LYC-069	YC-01	4/24/98	88900			6.20	17.0	<2.0		0.60		0.10	<0.50	39.0	4		Yellow Creek Proj.	
LYC-069	MP-74	4/27/98		130	7.00	6.97	12.9	2.5		0.52		0.20	0.10	28.8			M.B. Energy, Inc.	32990102
LYC-069	YC-01	8/18/98	4220			6.90	42.0	<2.0		0.40		0.10	<0.50	27.0	<3		Yellow Creek Proj.	
LYC-069	MP-74	8/19/98		181	7.00	6.95	29.6	2.7		0.64		0.12	<0.10	36.6			M.B. Energy, Inc.	32990102
LYC-069	YC-01	11/12/98	3276			6.70	32.0	<2.0		0.30		0.10	<0.50	49.0	4		Yellow Creek Proj.	
LYC-069	MP-74	11/18/98		221	6.00	6.92	22.9	5.1		0.48		0.16	0.19	61.1			M.B. Energy, Inc.	32990102
LYC-069	YC-01	2/22/99	24200			6.60	20.0	<2.0		0.30		0.10	0.50	39.0	<3		Yellow Creek Proj.	
LYC-069	YC-01	4/26/99	84800			6.40	22.0	<2.0		1.40		0.10	0.50	10.0	<3		Yellow Creek Proj.	
LYC-069	MP-74	5/12/99		159	7.00	6.74	14.5	2.8		0.17		0.08	0.17	42.9			M.B. Energy, Inc.	32990102
LYC-069	YC-01	7/26/99	3815			6.80	34.0	<2.0		0.30		0.30	0.70	52.0	<3		Yellow Creek Proj.	
LYC-069	YC-01	10/28/99				6.80	34.0	<2.0		0.30		0.10	0.50	40.0	<3		Yellow Creek Proj.	
LYC-069	YC-01	1/27/00				6.40	28.0	<2.0		0.30		0.20	0.50	115.0	<3		Yellow Creek Proj.	
LYC-069	YC-01	4/26/00				6.60	22.0	<2.0		<0.3		0.20	0.50	27.0	<3		Yellow Creek Proj.	
LYC-069	MP-74	5/16/00		171	6.50	6.46	13.7	4.0		0.20		0.16	0.18	44.1			M.B. Energy, Inc.	32990102
LYC-069	YC-01	7/31/00				6.60	36.0	<2.0		0.44		0.13	<0.50	49.7	<3		Yellow Creek Proj.	
LYC-069	MP-74	8/24/00		224	6.10	6.99	27.8	3.1		0.48		0.12	<0.10	57.8			M.B. Energy, Inc.	32990102
LYC-069	S1	10/3/00		0		6.60	36.0			<0.3		0.10	<0.50	53.3			PADEP	32950109
LYC-069	MP-74	10/19/00		190	7.00	6.93	29.0	4.3		0.27		0.25	<0.10	41.6			M.B. Energy, Inc.	32990102
LYC-069	YC-01	10/31/00				6.80	34.0	<2.0		<0.3		0.12	<0.50	37.2	<3		Yellow Creek Proj.	
LYC-069	S1	1/22/01		0		6.70	28.0			0.30		0.10	0.50	36.0			PADEP	32950109
LYC-069	MP-74	2/13/01		180	6.50	7.84	18.8	2.8					<0.10	33.8			M.B. Energy, Inc.	32990102
LYC-069	YC-01	2/28/01				6.60	20.0	<2.0		<0.3		0.09	<0.50	27.0	<3		Yellow Creek Proj.	
LYC-069	S1	3/19/01		0		4.60	7.2	11.2		<0.3		0.59	0.78	53.3			PADEP	32950109
LYC-069	MP-74	4/5/01		178	6.60	6.91	15.7	2.8					<0.10	38.4			M.B. Energy, Inc.	32990102
LYC-069	YC-01	4/26/01				6.60	22.0	<2.0		<0.3		0.10	<0.50	38.8	4		Yellow Creek Proj.	
LYC-069	S1	8/20/01		0		6.80	38.0			0.53		0.11	<0.50	54.1			PADEP	32950109
LYC-069	MP-74	9/12/01		213	7.50	7.37	38.4	4.8					<0.10	35.0			M.B. Energy, Inc.	32990102
LYC-069	S1	9/20/01		0		7.00	40.0			0.70		0.16	<0.50	57.8			PADEP	32950109
LYC-069	MP-74	12/18/01		194	7.00	4.46	0.0	4.8					0.48	42.4			M.B. Energy, Inc.	32990102
LYC-069	S1	2/5/02		0		6.90	32.0			<0.3		0.16	<0.50	29.3			PADEP	32950109
LYC-069	MP-74	2/19/02		191	7.00	6.65	19.9	2.5					<0.10	42.3			M.B. Energy, Inc.	32990102
LYC-069	MP-74	5/8/02		151	7.00	6.50	16.2	2.4					<0.10	34.5			M.B. Energy, Inc.	32990102
LYC-069	1000140	6/1/02		210		6.62	26.0	1.0		0.00		0.00	0.00	68.0	34		ICCD - Multi County	
LYC-069	601500	6/1/02		190		6.80	21.6	1.0		0.16		0.11	0.10	46.0	11		ICCD - Multi County	
LYC-069	S1	6/18/02		0		6.80	20.0			2.10		0.20	2.45	26.0			PADEP	32950109
LYC-069	YC-1	6/27/03	41173	196		7.24	24.1	2.9		0.17		0.05	-0.10	50.0	6	98	BCWA Assessment-IUP	
LYC-069	YC-1	7/30/03	35264	176		6.79	22.1	2.3		0.46		0.17	-0.10	43.6	-2	124	BCWA Assessment-IUP	
LYC-069	YC-1	8/19/03	32887	181		6.75	25.3	2.1		0.42		0.13	-0.10	46.2	4	98	BCWA Assessment-IUP	
LYC-069	YC-1	9/28/03	51231	166		6.69	26.5	2.8		0.44		0.10	-0.10	33.6	14	96	BCWA Assessment-IUP	
LYC-069	YC-1	10/24/03	46202	172		6.78	22.5	6.9		0.31		0.10	0.22	46.4	-2	94	BCWA Assessment-IUP	
LYC-069	YC-1	12/5/03	51231	145		7.22	16.0	2.9		0.33		0.09	0.19	33.7	-2	68	BCWA Assessment-IUP	



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Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-069	YC-1	12/31/03	46359	148		7.11	16.1	3.1		0.73		0.06	0.37	41.3	8	90	BCWA Assessment-IUP	
LYC-069	YC-1	1/31/04	48324	139		6.81	12.4	6.7		0.43		0.08	0.32	34.4	-2	94	BCWA Assessment-IUP	
LYC-069	YC-1	2/28/04	32499	177		6.63	14.4	2.5		0.56		0.07	1.24	45.3	6	90	BCWA Assessment-IUP	
LYC-069	YC-1	3/26/04	28287	144		6.45	12.3	1.9		0.39		0.09	0.17	33.0	-2	64	BCWA Assessment-IUP	
LYC-069	YC-1	4/16/04	122846	124		6.74	11.0	2.5		0.79		0.11	0.33	30.8	28	60	BCWA Assessment-IUP	
LYC-069	YC-1	5/13/04	29371	159		6.84	16.8	3.3		0.26		0.11	-0.10	45.4	14	126	BCWA Assessment-IUP	
LYC-070	YC-02	4/26/01	50			4.80	7.4	5.4		<0.3		0.16	<0.50	134.7	<3		Yellow Creek Proj.	
LYC-071	YC-03	4/26/01	5			2.90	<2.0	299.0		26.40		3.26	8.98	301.0	6		Yellow Creek Proj.	
LYC-072	YC-04	3/2/00	50			4.50	13.2	102.0		1.19		5.59	16.90	572.7			Yellow Creek Proj.	
LYC-072	YC-04	3/9/00	75			4.50	12.6	92.0		1.77		6.39	16.70	590.0	4		Yellow Creek Proj.	
LYC-072	YC-04	3/14/00	75			4.40	11.0	102.0		1.61		5.74	17.20	562.5	<3		Yellow Creek Proj.	
LYC-072	YC-04	3/27/00	75			5.80	20.0	9.2		1.07		4.10	1.09	609.9	<3		Yellow Creek Proj.	
LYC-072	YC-04	4/3/00	67			6.30	40.0	<2.0		1.64		4.41	1.15	510.0	<3		Yellow Creek Proj.	
LYC-072	YC-04	4/20/00	60			5.90	26.0	<2.0		2.11		4.98	1.31	482.0	<3		Yellow Creek Proj.	
LYC-072	YC-04	4/26/00	60			6.20	32.0	<2.0		1.33		4.45	1.31	585.0	<3		Yellow Creek Proj.	
LYC-072	YC-04	5/11/00	30			6.50	70.0	<2.0		3.33		5.02	1.02	606.0	<3		Yellow Creek Proj.	
LYC-072	YC-04	5/31/00	50			5.90	22.0	1.4		0.99		4.44	1.68	401.0	<3		Yellow Creek Proj.	
LYC-072	YC-04	7/31/00	38			6.30	48.0	22.0		3.02		6.07	0.72	512.0	<3		Yellow Creek Proj.	
LYC-072	YC-04	10/31/00	23			4.80	10.2	30.0		6.48		5.81	4.62	557.2	6		Yellow Creek Proj.	
LYC-072	YC-04	2/28/01	21			4.50	10.0	92.0		0.91		5.81	15.80	598.1	6		Yellow Creek Proj.	
LYC-072	YC-04	4/26/01	45			4.70	11.0	66.0		1.55		4.92	12.00	400.4	4		Yellow Creek Proj.	
LYC-072	YC-04	5/31/01	30			4.50	9.8	72.0		0.80		5.45	10.40	480.3	6		Yellow Creek Proj.	
LYC-072	YC-04	6/6/01	20			4.60	11.0	66.0		1.53		5.39	9.85	531.6	<3		Yellow Creek Proj.	
LYC-072	KBLYTA2	4/24/03				4.40	10.2		147.4	0.89	0.67	8.16	21.70	731.2	<2		Stream Team	
LYC-072	KBLYTA2	5/29/03				4.40	8.4		129.6	0.78	0.67	7.31	16.80	747.7	2		Stream Team	
LYC-072	KBLYTA2	6/24/03				4.50	11.2		107.0	0.84	0.53	7.64	16.00	814.8	6		Stream Team	
LYC-072	KBLYTA2	7/31/03				3.40	0.0		141.0	6.16	0.86	7.79	15.50	660.1	14		Stream Team	
LYC-072	KBLYTA2	8/28/03				4.50	9.4		112.0	0.37	0.23	7.74	13.40	726.1	2		Stream Team	
LYC-072	KBLYTA2	9/30/03				3.70	0.0		197.6	1.22	1.21	8.25	27.00	798.1	12		Stream Team	
LYC-072	KBLYTA2	10/30/03				4.50	9.4		131.0	0.88	0.48	8.04	16.50	760.2	14		Stream Team	
LYC-072	KBLYTA2	11/30/03				4.50	9.2		109.0	0.52	0.50	7.18	15.70	683.8	6		Stream Team	
LYC-073	YC-04A	2/28/01	21			3.60	<2.0	168.0		0.88		5.99	24.80	612.0	6		Yellow Creek Proj.	
LYC-073	YC-04A	4/26/01	45			3.70	<2.0	134.0		0.89		4.95	10.10	423.0	<3		Yellow Creek Proj.	
LYC-073	YC-04A	5/31/01	30			3.60	<2.0	180.0		1.17		5.88	24.40	568.0	6		Yellow Creek Proj.	
LYC-073	YC-04A	6/6/01	20			3.60	<2.0	179.4		1.22		6.09	23.80	552.0	6		Yellow Creek Proj.	
LYC-073	KBLYTA1	4/24/03				3.70	0.0		229.6	1.15	0.91	9.00	32.30	777.4	<2		Stream Team	
LYC-073	KBLYTA1	5/29/03				3.80	0.0		240.2	0.90	0.89	8.33	32.10	782.9	<2		Stream Team	
LYC-073	KBLYTA1	6/24/03				3.70	0.0		233.6	1.45	0.65	9.56	33.50	838.2	4		Stream Team	
LYC-073	KBLYTA1	7/31/03				3.60	0.0		230.4	1.55	0.98	0.00	29.30	749.2	18		Stream Team	
LYC-073	KBLYTA1	8/28/03				3.70	0.0		187.2	1.66	0.51	8.62	28.10	752.8	6		Stream Team	
LYC-073	KBLYTA1	9/30/03				4.40	9.0		132.4	0.29	0.24	7.63	15.50	649.8	8		Stream Team	
LYC-073	KBLYTA1	10/30/03				3.90	0.0		194.2	1.27	0.84	8.04	27.40	815.6	2		Stream Team	
LYC-073	KBLYTA1	11/30/03				3.70	0.0		202.0	1.09	0.59	8.23	27.60	696.3	<2		Stream Team	
LYC-074	YC-05	10/31/00	36			3.80	<2.0	106.0		2.01		3.28	14.10	603.4	3		Yellow Creek Proj.	
LYC-074	YC-05	2/28/01	66			3.10	<2.0	248.0		7.53		5.98	28.10	717.4	8		Yellow Creek Proj.	
LYC-074	YC-05	4/26/01	75			3.10	<2.0	248.0		10.90		5.91	28.20	508.4	8		Yellow Creek Proj.	
LYC-074	YC-05	5/31/01	40			3.30	<2.0	222.0		8.44		6.18	23.70	536.7	12		Yellow Creek Proj.	
LYC-074	YC-05	6/6/01	40			3.30	<2.0	230.6		8.57		6.17	24.20	590.0	6		Yellow Creek Proj.	
LYC-074	KBLYTB1	4/24/03				3.00	0.0		360.8	17.73	6.62	10.81	37.80	899.8	14		Stream Team	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.			Acidity (mg/l)									
LYC-074	KBLYTB1	5/29/03				3.10	0.0		312.0	13.30	0.74	8.92	32.30	780.1	4		Stream Team	
LYC-074	KBLYTB1	6/24/03				3.10	0.0		316.0	14.80	7.32	10.10	35.00	874.8	12		Stream Team	
LYC-074	KBLYTB1	8/28/03				3.20	0.0		225.4	8.88	4.35	8.34	24.30	665.2	8		Stream Team	
LYC-074	KBLYTB1	9/30/03				3.00	0.0		312.6	5.62	1.38	9.51	26.90	851.4	<2		Stream Team	
LYC-074	KBLYTB1	10/30/03				3.20	0.0		291.4	16.00	3.04	11.00	31.50	816.8	8		Stream Team	
LYC-074	KBLYTB1	11/30/03				3.00	0.0		388.2	22.00	4.44	12.40	42.80	825.1	2		Stream Team	
LYC-075	YC-06	4/24/97				3.30	<2.0	208.0		22.70		3.83	17.70	474.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	7/11/97				3.10	<2.0	294.0		32.80		5.23	24.90	656.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	9/30/97	1100			3.10	<2.0	244.0		23.60		4.32	20.30	560.0	12		Yellow Creek Proj.	
LYC-075	YC-06	12/5/97				3.40	<2.0	148.0		14.90		3.10	13.00	386.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	1/28/98	670			3.40	<2.0	124.0		13.50		2.70	11.50	333.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	4/28/98				3.50	<2.0	122.0		11.00		2.16	9.01	339.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	8/18/98				3.10	<2.0	286.0		29.10		4.78	24.30	841.0	6		Yellow Creek Proj.	
LYC-075	YC-06	11/12/98				3.10	<2.0	392.0		37.70		7.40	38.00	797.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	2/22/99	525			3.30	<2.0	188.0		22.70		4.30	20.00	296.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	4/26/99				3.40	<2.0	120.0		12.50		2.60	11.00	258.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	7/26/99	100			3.20	<2.0	272.0		42.00		5.00	2.50	699.0	4		Yellow Creek Proj.	
LYC-075	YC-06	10/28/99	75			3.10	<2.0	414.0		41.00		7.20	39.50	1099.0	4		Yellow Creek Proj.	
LYC-075	YC-06	1/27/00	250			3.20	<2.0	304.0		28.00		4.70	27.00	891.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	4/26/00				3.30	<2.0	146.0		15.00		2.40	11.60	302.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	7/31/00				3.10	<2.0	310.0		39.90		5.77	28.90	822.0	<3		Yellow Creek Proj.	
LYC-075	YC-06	10/31/00				3.20	<2.0	304.0		33.20		5.33	29.30	726.0	5		Yellow Creek Proj.	
LYC-075	YC-06	2/28/01				3.20	<2.0	216.0		24.90		3.30	19.60	689.7	4		Yellow Creek Proj.	
LYC-075	YC-06	4/26/01				3.30	<2.0	174.0		19.60		2.78	15.90	334.5	<3		Yellow Creek Proj.	
LYC-076	YC-07	4/24/97				3.40	<2.0	224.0		38.20		3.49	16.00	581.4	<3		Yellow Creek Proj.	
LYC-076	YC-07	7/11/97				3.00	<2.0	276.0		51.70		4.00	17.20	634.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	9/30/97	100			3.30	<2.0	280.0		54.20		4.24	18.10	770.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	12/5/97	150			3.40	<2.0	242.0		42.90		3.78	18.60	709.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	1/28/98	120			3.30	<2.0	200.0		33.50		3.10	16.60	600.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	4/24/98	150			3.40	<2.0	200.0		29.10		2.59	13.70	633.0	4		Yellow Creek Proj.	
LYC-076	YC-07	8/18/98	60			3.40	<2.0	218.0		49.60		3.69	15.50	768.0	4		Yellow Creek Proj.	
LYC-076	YC-07	11/12/98	40			3.50	<2.0	292.0		63.50		4.87	21.30	734.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	2/22/99	100			3.40	<2.0	224.0		44.80		4.20	20.30	609.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	4/26/99	150			3.30	<2.0	206.0		36.00		3.30	16.60	453.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	7/26/99	60			3.40	<2.0	258.0		61.00		4.00	19.60	710.0	6		Yellow Creek Proj.	
LYC-076	YC-07	10/28/99	40			3.40	<2.0	280.0		71.00		5.00	22.30	1134.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	1/27/00	100			3.40	<2.0	288.0		51.00		4.40	19.00	1082.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	4/26/00	100			3.30	<2.0	252.0		41.00		3.20	18.00	722.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	7/31/00	60			3.50	<2.0	280.0		69.80		4.65	20.10	844.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	10/31/00				3.40	<2.0	312.0		66.40		5.60	22.20	883.0	<3		Yellow Creek Proj.	
LYC-076	YC-07	2/28/01	100			3.30	<2.0	230.0		36.00		3.52	19.70	682.6	12		Yellow Creek Proj.	
LYC-076	YC-07	4/26/01	150			3.30	<2.0	216.0		31.80		3.09	17.90	459.0	<3		Yellow Creek Proj.	
LYC-077	YC-08	4/24/97	18000			5.60	10.4	19.8		1.89		0.36	2.47	76.5	4		Yellow Creek Proj.	
LYC-077	YC-08	7/11/97	6300			4.60	8.4	36.0		4.06		0.67	4.24	118.0	6		Yellow Creek Proj.	
LYC-077	YC-08	10/2/97	13000			4.50	8.8	46.0		4.12		0.74	6.05	129.8	6		Yellow Creek Proj.	
LYC-077	YC-08	12/5/97	70000			4.90	10.2	18.8		1.67		0.34	2.79	53.4	10		Yellow Creek Proj.	
LYC-077	YC-08	1/28/98	71300			4.60	7.8	22.0		1.70		0.30	3.80	60.4	<3		Yellow Creek Proj.	
LYC-077	YC-08	4/24/98	88900			4.90	10.0	14.4		1.89		0.28	2.62	58.3	10		Yellow Creek Proj.	
LYC-077	YC-08	8/18/98	4220			6.10	18.8	4.4		2.50		0.30	2.68	99.0	14		Yellow Creek Proj.	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-077	MP-74A	10/26/98	1000	258		6.28	15.5	4.1		2.41		0.51	<0.10	77.2			M.B. Energy, Inc.	32990102
LYC-077	YC-08	11/12/98	3276			5.80	14.2	7.2		2.50		0.50	2.60	110.0	14		Yellow Creek Proj.	
LYC-077	MP-74A	12/28/98		339	4.50	4.30	0.0	29.3		3.21		0.96	4.09	138.7			M.B. Energy, Inc.	32990102
LYC-077	MP-74A	1/21/99		387	4.50	4.17	0.0	38.9		2.30		1.18		141.7			M.B. Energy, Inc.	32990102
LYC-077	MP-74A	2/22/99		790	5.00	3.23	0.0	108.5		12.38		2.48	11.41	298.4			M.B. Energy, Inc.	32990102
LYC-077	YC-08	2/22/99	24200			5.30	12.6	8.6		1.80		0.40	2.50	47.0	<3		Yellow Creek Proj.	
LYC-077	MP-74A	3/9/99		158	6.50	6.26	10.6	3.1		0.26		0.13	0.34	39.8			M.B. Energy, Inc.	32990102
LYC-077	YC-08	4/26/99	84800			4.90	8.0	12.0		1.60		0.30	2.30	55.0	<3		Yellow Creek Proj.	
LYC-077	YC-08	7/26/99	3815			5.40	10.4	9.0		2.60		0.30	4.00	39.0	<3		Yellow Creek Proj.	
LYC-077	YC-08	10/28/99				6.80	32.0	<2.0		0.80		0.30	0.60	129.0	4		Yellow Creek Proj.	
LYC-077	YC-08	1/27/00				4.80	11.0	26.0		3.00		0.50	4.00	194.0	<3		Yellow Creek Proj.	
LYC-077	YC-08	4/26/00				5.60	11.0	8.2		1.20		0.30	1.60	39.0	<3		Yellow Creek Proj.	
LYC-077	MP-74A	5/16/00		759	4.00	3.03	0.0	107.6		14.90		2.33	12.68	285.7			M.B. Energy, Inc.	32990102
LYC-077	YC-08	7/31/00				4.80	10.2	22.0		3.70		0.66	4.85	134.0	<3		Yellow Creek Proj.	
LYC-077	MP-74A	8/24/00		797	3.50	3.06	0.0	56.8		5.24		5.69	2.18	355.8			M.B. Energy, Inc.	32990102
LYC-077	MP-74A	10/19/00		236	6.50	6.85	24.1	5.1		0.61		0.49	0.33	65.4			M.B. Energy, Inc.	32990102
LYC-077	YC-08	10/31/00				5.80	13.4	7.8		2.29		0.39	2.87	65.2	7		Yellow Creek Proj.	
LYC-077	YC-08	2/28/01				4.90	8.8	16.0		2.01		0.32	2.85	87.2	18		Yellow Creek Proj.	
LYC-077	YC-08	4/26/01				4.90	9.2	13.6		1.87		0.33	2.61	52.7	6		Yellow Creek Proj.	
LYC-077	601399	6/1/02	375	1500		2.90	1.0	300.0		43.90		4.88	29.40	718.0	3		ICCD - Multi County	
LYC-078	601396	6/1/02	275	900		3.36	1.0	76.0		2.28		5.26	6.12	340.0	6		ICCD - Multi County	
LYC-079	YC-09	4/24/97				2.50	<2.0	2226.0		290.00		7.18	193.00	2221.0	4		Yellow Creek Proj.	
LYC-079	YC-09	10/2/97	10			2.50	<2.0	512.0		42.00		6.10	23.00	1039.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	12/5/97	10			2.70	<2.0	546.0		65.30		5.50	22.80	871.0	4		Yellow Creek Proj.	
LYC-079	YC-09	1/28/98	10			2.70	<2.0	430.0		45.10		5.08	20.40	803.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	4/28/98	10			2.70	<2.0	688.0		105.00		5.15	28.10	1105.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	8/18/98	5			2.70	<2.0	376.0		27.70		5.78	17.20	1072.0	6		Yellow Creek Proj.	
LYC-079	YC-09	11/12/98	5			2.70	<2.0	436.0		32.60		7.20	20.00	1090.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	2/22/99	10			2.80	<2.0	402.0		41.00		6.20	25.60	516.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	4/26/99	10			2.70	<2.0	596.0		53.00		6.00	50.00	813.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	7/26/99	5			2.60	<2.0	608.0		39.00		7.40	48.00		4		Yellow Creek Proj.	
LYC-079	YC-09	10/28/99	1			2.60	<2.0	498.0		34.50		7.40	36.00	1136.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	1/27/00	10			2.60	<2.0	644.0		38.00		5.00	4.30	1815.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	4/26/00	10			2.70	<2.0	476.0		29.00		4.60	29.00	373.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	7/31/00	5			2.60	<2.0	444.0		37.90		7.83	27.60	1083.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	10/31/00	5			2.70	<2.0	412.0		22.30		6.80	19.40	1042.0	<3		Yellow Creek Proj.	
LYC-079	YC-09	2/28/01	5			2.60	<2.0	442.0		25.40		5.21	28.70	504.6	4		Yellow Creek Proj.	
LYC-079	YC-09	4/26/01	10			3.20	<2.0	678.0		41.30		5.35	101.00	933.1	6		Yellow Creek Proj.	
LYC-080	YC-09A	10/2/97	10			3.00	<2.0	1052.0		78.70		7.12	114.00	1521.0	<3		Yellow Creek Proj.	
LYC-080	YC-09A	12/5/97	50			3.20	<2.0	888.0		64.50		7.03	131.00	1295.0	4		Yellow Creek Proj.	
LYC-080	YC-09A	1/28/98	35			3.00	<2.0	1064.0		50.60		5.99	152.00	1230.0	<3		Yellow Creek Proj.	
LYC-080	YC-09A	4/24/98	60			3.10	<2.0	1026.0		45.70		5.15	127.00	1631.0	<3		Yellow Creek Proj.	
LYC-080	YC-09A	8/18/98	5			3.00	<2.0	1018.0		95.70		7.35	109.00	1649.0	8		Yellow Creek Proj.	
LYC-080	YC-09A	11/12/98	5			3.20	<2.0	1046.0		124.00		9.00	125.00	1466.0	8		Yellow Creek Proj.	
LYC-080	YC-09A	2/22/99	15			3.30	<2.0	1124.0		107.00		10.20	176.00	1117.0	<3		Yellow Creek Proj.	
LYC-080	YC-09A	4/26/99	75			3.20	<2.0	778.0		48.00		6.00	116.00	1292.0	<3		Yellow Creek Proj.	
LYC-080	YC-09A	7/26/99	3			3.10	<2.0	1100.0		124.00		8.50	129.00	1657.0	<3		Yellow Creek Proj.	
LYC-080	YC-09A	10/28/99	3			3.30	<2.0	1000.0		131.00		9.50	108.00	1441.0	<3		Yellow Creek Proj.	
LYC-080	YC-09A	1/27/00	10			3.30	<2.0	1138.0		109.00		9.00	132.00	2544.0	<3		Yellow Creek Proj.	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field pH	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					S.U.	S.U.			(mg/l)									
LYC-080	YC-09A	4/26/00	30			3.10	<2.0	850.0		49.00		6.00	109.00	1016.0	<3		Yellow Creek Proj.	
LYC-080	YC-09A	2/28/01	20			3.10	<2.0	958.0		60.50		7.33	131.00	1209.0	10		Yellow Creek Proj.	
LYC-080	YC-09A	4/26/01	25			2.80	<2.0	370.0		48.70		6.07	15.60	829.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	4/24/97				3.40	<2.0	114.0		11.80		2.66	8.43	322.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	7/11/97				3.00	<2.0	216.0		10.30		4.07	15.80	477.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	8/28/97				3.10	<2.0	204.0		11.90		3.91	13.90	470.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	10/3/97	412			3.40	<2.0	124.0		12.10		3.10	8.28	355.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	12/5/97	1150			3.70	<2.0	86.0		8.60		2.10	7.60	269.0	4		Yellow Creek Proj.	
LYC-081	YC-10	1/28/98	450			3.60	<2.0	86.0		8.54		1.76	7.20	228.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	4/24/98				3.80	<2.0	62.0		6.45		1.45	4.86	226.0	6		Yellow Creek Proj.	
LYC-081	YC-10	8/18/98				3.10	<2.0	19.0		9.71		3.93	13.80	509.0	6		Yellow Creek Proj.	
LYC-081	YC-10	11/12/98				3.20	<2.0	210.0		19.00		5.00	16.00	468.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	2/16/99	290			3.80	<2.0	56.0		8.20		2.30	5.60	257.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	4/26/99				3.90	<2.0	52.0		6.30		1.60	5.40	244.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	7/26/99				3.10	<2.0	208.0		4.00		4.80	20.00	615.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	10/28/99				3.20	<2.0	206.0		14.30		5.00	17.00	515.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	1/27/00				3.40	<2.0	132.0		0.90		3.00	10.00	455.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	4/26/00				3.80	<2.0	70.0		6.00		1.70	5.30	288.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	7/31/00				3.00	<2.0	188.0		11.30		4.39	14.70	496.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	10/31/00				3.50	<2.0	94.0		8.23		3.08	7.20	441.0	<3		Yellow Creek Proj.	
LYC-081	YC-10	2/28/01				3.60	<2.0	86.0		9.35		2.43	7.08	327.1	10		Yellow Creek Proj.	
LYC-081	YC-10	4/26/01				3.70	<2.0	64.0		7.37		1.95	6.24	291.7	<3		Yellow Creek Proj.	
LYC-082	YC-11	4/24/97	18000			5.60	12.2	6.4		1.44		0.28	1.35	55.6	<3		Yellow Creek Proj.	
LYC-082	YC-11	7/11/97	6300			4.60	8.4	28.0		2.55		0.58	2.86	113.0	<3		Yellow Creek Proj.	
LYC-082	YC-11	10/2/97	13000			6.10	24.0	<2.0		1.23		0.26	1.17	46.8	<3		Yellow Creek Proj.	
LYC-082	YC-11	12/5/97	70000			4.90	9.8	28.0		2.40		0.50	2.60	67.0	<3		Yellow Creek Proj.	
LYC-082	YC-11	1/28/98	71000			5.70	11.4	7.2		1.16		0.20	1.29	46.0	<3		Yellow Creek Proj.	
LYC-082	YC-11	4/24/98	88900			5.90	17.2	<2.0		0.90		0.17	0.90	48.0	8		Yellow Creek Proj.	
LYC-082	YC-11	8/18/98	4220			6.20	12.8	7.0		2.21		0.40	1.89	108.0	10		Yellow Creek Proj.	
LYC-082	YC-11	11/12/98	3276			5.80	11.6	9.6		2.50		0.50	2.00	98.0	12		Yellow Creek Proj.	
LYC-082	YC-11	2/22/99	24200			5.40	13.0	1.6		1.30		0.30	1.20	83.0	12		Yellow Creek Proj.	
LYC-082	YC-11	4/26/99	84800			6.20	17.0	1.0		0.50		0.20	0.60	67.0	<3		Yellow Creek Proj.	
LYC-082	YC-11	7/26/99	3815			4.80	9.6	<2.0		1.01		0.30	0.70	90.0	4		Yellow Creek Proj.	
LYC-082	YC-11	10/28/99				5.40	14.4	<2.0		0.80		0.20	0.50	72.0	10		Yellow Creek Proj.	
LYC-082	YC-11	1/27/00				5.90	14.0	7.0		2.00		0.40	1.00	158.0	<3		Yellow Creek Proj.	
LYC-082	YC-11	4/26/00				4.90	11.0	17.0		0.70		0.20	0.70	120.0	6		Yellow Creek Proj.	
LYC-082	YC-11	7/31/00				4.60	8.6	18.6		2.90		0.83	2.34	120.0	<3		Yellow Creek Proj.	
LYC-082	YC-11	10/31/00				5.10	16.6	<2.0		0.89		0.28	0.70	62.8	6		Yellow Creek Proj.	
LYC-082	YC-11	2/28/01				4.50	9.4	66.0		1.08		1.08	7.50	431.3	20		Yellow Creek Proj.	
LYC-082	YC-11	4/26/01				6.30	14.6	1.6		0.92		0.24	0.92	55.6	<3		Yellow Creek Proj.	
LYC-082	601433	6/1/02	450	1050		3.09	1.0	120.0		7.30		3.19	9.44	462.0	9		ICCD - Multi County	
LYC-083	YC-12	4/24/97				6.10	32.0	16.4		13.90		0.80	0.80	357.4	<3		Yellow Creek Proj.	
LYC-083	YC-12	10/14/97	0														Yellow Creek Proj.	
LYC-083	YC-12	12/5/97	370			4.60	10.0	86.0		6.40		0.99	6.15	350.0	6		Yellow Creek Proj.	
LYC-083	YC-12	2/3/98				6.10	66.0	<2.0		22.80		0.70	1.48	375.0	<3		Yellow Creek Proj.	
LYC-083	YC-12	4/15/98				6.10	72.0	<2.0		26.70		0.80	2.00	426.0	26		Yellow Creek Proj.	
LYC-083	YC-12	8/18/98				5.70	36.0	<2.0		16.40		0.70	0.70	382.0	16		Yellow Creek Proj.	
LYC-083	YC-12	11/12/98	0														Yellow Creek Proj.	
LYC-083	YC-12	2/22/99				5.60	32.0	15.0		16.40		0.90	1.50	500.0	16		Yellow Creek Proj.	

**Blacklick Creek Watershed Assessment / Restoration Plan**

**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field pH S.U.	Lab pH S.U.	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
LYC-083	YC-12	4/21/99				5.60	30.0	23.0		24.00		0.90	10.10	397.0	<3		Yellow Creek Proj.	
LYC-083	YC-12	7/26/99				5.30	20.0	24.0		14.60		0.74	1.30	411.0	<3		Yellow Creek Proj.	
LYC-083	YC-12	10/28/99	25			4.70	10.0	34.0		7.10		1.20	3.50	422.0	4		Yellow Creek Proj.	
LYC-083	YC-12	1/27/00	0														Yellow Creek Proj.	
LYC-083	YC-12	5/16/00				3.70	<2.0	94.0		2.10		1.00	11.00	413.0	<3		Yellow Creek Proj.	
LYC-083	YC-12	7/31/00				3.80	<2.0	76.0		1.03		1.30	9.93	390.0	<3		Yellow Creek Proj.	
LYC-083	YC-12	4/26/01				4.50	9.0	72.0		18.70		1.06	5.73	358.0	10		Yellow Creek Proj.	
LYC-083	601436	6/1/02	100	875		4.87	2.8	46.8		11.00		1.09	0.69	495.0	10		ICCD - Multi County	
LYC-084	YC-13	4/24/97	18000			4.60	10.8	66.0		7.65		0.60	5.90	142.8	<3		Yellow Creek Proj.	
LYC-084	YC-13	9/30/97	26030			5.20	9.2	30.0		18.00		0.43	2.06	97.2	18		Yellow Creek Proj.	
LYC-084	YC-13	12/5/97	70000			4.90	10.0	28.0		6.90		0.33	2.78	63.8	12		Yellow Creek Proj.	
LYC-084	YC-13	1/28/98	71000			4.30	7.6	44.0		9.20		0.37	3.50	80.7	<3		Yellow Creek Proj.	
LYC-084	YC-13	4/24/98	88900			4.70	11.0	26.0		7.40		0.29	2.60	86.0	16		Yellow Creek Proj.	
LYC-084	YC-13	8/18/98	4220			3.70	<2.0	174.0		43.50		1.21	14.80	308.0	<3		Yellow Creek Proj.	
LYC-084	YC-13	11/12/98	3276			4.20	5.0	134.0		33.60		1.00	10.00	249.0	16		Yellow Creek Proj.	
LYC-084	YC-13	2/22/99	24200			4.70	11.0	44.0		14.50		0.50	5.00	107.0	20		Yellow Creek Proj.	
LYC-084	YC-13	4/26/99	84800			5.20	9.4	14.4		6.60		0.30	2.40	51.0	48		Yellow Creek Proj.	
LYC-084	YC-13	7/26/99	3815			3.50	<2.0	172.0		39.00		1.01	13.70	300.0	<3		Yellow Creek Proj.	
LYC-084	YC-13	10/28/99				6.40	26.0	2.0		8.30		0.30	2.00	66.0	8		Yellow Creek Proj.	
LYC-084	YC-13	1/27/00				4.40	<2.0	108.0		35.00		0.90	11.00	205.0	10		Yellow Creek Proj.	
LYC-084	YC-13	4/26/00				5.00	10.0	34.0		12.00		0.30	4.00	20.0	<3		Yellow Creek Proj.	
LYC-084	YC-13	7/31/00				3.30	<2.0	234.0		57.00		1.67	20.50	266.0	<3		Yellow Creek Proj.	
LYC-084	YC-13	10/31/00				4.80	12.6	72.0		22.70		0.57	6.81	122.0	18		Yellow Creek Proj.	
LYC-084	YC-13	2/28/01				3.80	<2.0	164.0		50.30		0.58	13.70	230.7	12		Yellow Creek Proj.	
LYC-084	YC-13	4/26/01				4.00	1.8	46.0		15.30		0.40	4.74	134.6	10		Yellow Creek Proj.	
LYC-084	601441	6/1/02	325	1375		6.13	69.0	32.0		65.00		0.95	0.36	653.0	78		ICCD - Multi County	
LYC-085	YC-14	4/24/97	18000			4.50	10.6	52.0		14.20		0.60	5.09	142.0	<3		Yellow Creek Proj.	
LYC-085	YC-14	7/11/97	6732			3.50	<2.0	142.0		26.00		1.29	11.10	278.0	<3		Yellow Creek Proj.	
LYC-085	YC-14	10/2/97	26030			5.70	11.6	24.0		11.40		0.40	2.40	78.2	8		Yellow Creek Proj.	
LYC-085	YC-14	12/5/97	70000			5.20	10.0	26.0		4.90		0.34	2.20	72.0	12		Yellow Creek Proj.	
LYC-085	YC-14	1/28/98	71000			4.90	9.6	30.0		5.40		0.30	2.30	77.9	<3		Yellow Creek Proj.	
LYC-085	YC-14	4/24/98	88900			5.30	10.0	11.4		4.30		0.25	1.70	71.0	28		Yellow Creek Proj.	
LYC-085	YC-14	8/18/98	4220			3.60	<2.0	14.8		29.20		1.22	12.20	341.0	8		Yellow Creek Proj.	
LYC-085	YC-14	11/12/98	3276			4.30	6.0	120.0		29.00		1.10	9.00	235.0	8		Yellow Creek Proj.	
LYC-085	YC-14	2/22/99	24200			5.00	11.0	34.0		12.00		0.50	4.00	10.0	8		Yellow Creek Proj.	
LYC-085	YC-14	4/26/99	84800			5.80	11.4	7.4		3.70		0.30	1.40	48.0	<3		Yellow Creek Proj.	
LYC-085	KBLYL1	5/25/99				4.60	1.4		44.0	11.50	10.78	3.80	0.57	99.0	<3		Stream Team	
LYC-085	YC-14	7/26/99	3815			3.50	<2.0	128.0		23.00		1.10	10.30	247.0	4		Yellow Creek Proj.	
LYC-085	YC-14	10/28/99				6.40	26.0	<2.0		5.00		0.30	1.14	55.0	6		Yellow Creek Proj.	
LYC-085	KBLYL1	1/12/00				6.20	9.6		3.2	5.88	4.32	1.55	0.41	66.0	6		Stream Team	
LYC-085	YC-14	1/27/00				4.60	11.0	100.0		30.00		1.00	9.00	261.0	8		Yellow Creek Proj.	
LYC-085	KBLYL1	4/12/00				5.40	3.2		0.0	4.74	3.96	1.76	0.32	63.0	22		Stream Team	
LYC-085	YC-14	4/26/00				6.00	13.0	17.0		3.60		0.30	1.40	66.0	10		Yellow Creek Proj.	
LYC-085	YC-14	7/31/00				3.40	<2.0	162.0		29.40		1.50	14.40	347.0	<3		Yellow Creek Proj.	
LYC-085	KBLYL1	10/11/00				4.90	2.4		40.0	18.10	14.80	4.84	0.55	93.0	26		Stream Team	
LYC-085	YC-14	10/31/00				4.90	10.6	46.0		16.10		0.52	4.81	131.6	18		Yellow Creek Proj.	
LYC-085	KBLYL1	1/23/01															Stream Team	
LYC-085	YC-14	2/28/01				4.80	7.4	32.0		9.52		0.42	3.14	77.9	18		Yellow Creek Proj.	
LYC-085	KBLYL1	4/26/01				6.00	6.2		3.8	4.49	1.40	2.11	0.51	61.4	32		Stream Team	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.			Acidity (mg/l)									
LYC-085	YC-14	4/26/01				4.90	8.4	22.0		7.27		0.36	2.62	72.4	14		Yellow Creek Proj.	
LYC-085	KBLYL1	7/12/01															Stream Team	
LYC-085	YC-4	6/27/03	19532	379		3.68	0.0	50.9		14.97		0.55	3.86	133.2	44	212	BCWA Assessment-IUP	
LYC-085	YC-4	7/30/03		235		4.59	-1.0	12.8		7.63		0.38	1.99	87.9	16	160	BCWA Assessment-IUP	
LYC-085	YC-4	8/19/03	29724	438		3.50	0.0	57.5		20.39		0.69	5.84	151.6	34	240	BCWA Assessment-IUP	
LYC-085	YC-4	9/27/03	30914	295		4.52	-1.0	36.7		13.55		0.45	3.72	115.8	52	158	BCWA Assessment-IUP	
LYC-085	YC-4	10/25/03	27209	320		4.35	0.0	39.7		15.47		0.49	4.67	123.0	32	168	BCWA Assessment-IUP	
LYC-085	YC-4	12/5/03	50108	294		4.32	0.0	41.1		10.95		0.46	3.75	108.8	2	158	BCWA Assessment-IUP	
LYC-085	YC-4	12/31/03	32732	202		5.84	3.1	15.3		6.30		0.24	1.73	69.4	28	144	BCWA Assessment-IUP	
LYC-085	YC-4	1/30/04	50917	790		3.15	0.0	140.7		18.16		0.73	7.51	158.1	10	286	BCWA Assessment-IUP	
LYC-085	YC-4	2/28/04	42026	273		4.46	0.0	32.5		8.80		0.36	2.61	76.3	18	142	BCWA Assessment-IUP	
LYC-085	YC-4	3/26/04	51065	233		4.56	-1.0	21.1		7.03		0.33	2.10	65.2	12	118	BCWA Assessment-IUP	
LYC-085	YC-4	4/16/04	107690	156		4.53	-1.0	9.2		3.93		0.23	2.26	49.0	56	88	BCWA Assessment-IUP	
LYC-085	YC-4	5/13/04	29634	320		3.93	0.0	39.2		11.99		0.47	3.01	120.9	32	204	BCWA Assessment-IUP	
LYC-086	YC-15	4/24/97				3.60	<2.0	250.0		54.70		4.78	23.00	548.5	12		Yellow Creek Proj.	
LYC-086	YC-15	7/11/97	6732			3.60	<2.0	216.0		47.40		4.43	17.30	545.0	12		Yellow Creek Proj.	
LYC-086	YC-15	9/30/97	166			4.90	16.0	232.0		77.40		4.05	11.20	789.0	18		Yellow Creek Proj.	
LYC-086	YC-15	12/5/97	300			4.60	14.8	324.0		96.70		6.70	19.60	678.0	20		Yellow Creek Proj.	
LYC-086	YC-15	1/28/98	200			3.80	<2.0	262.0		55.30		5.84	19.60	568.0	4		Yellow Creek Proj.	
LYC-086	YC-15	4/24/98	300			3.40	<2.0	246.0		44.00		4.66	17.50	557.0	<3		Yellow Creek Proj.	
LYC-086	YC-15	8/18/98	100			4.70	14.4	188.0		66.40		3.97	14.40	702.0	14		Yellow Creek Proj.	
LYC-086	YC-15	11/12/98	120			6.00	58.0	140.0		85.40		3.60	5.60	697.0	22		Yellow Creek Proj.	
LYC-086	YC-15	2/22/99	150			4.70	18.0	256.0		104.00		8.70	22.60	623.0	<3		Yellow Creek Proj.	
LYC-086	YC-15	4/26/99	150			3.60	<2.0	222.0		46.00		5.70	22.30	499.0	20		Yellow Creek Proj.	
LYC-086	YC-15	7/26/99	150			4.50	13.4	236.0		71.70		5.10	21.00	757.0	20		Yellow Creek Proj.	
LYC-086	YC-15	10/28/99	60			6.10	82.0	94.0		77.00		2.90	3.10	600.0	10		Yellow Creek Proj.	
LYC-086	YC-15	1/27/00	150			4.80	18.0	206.0		84.00		6.00	14.00	728.0	18		Yellow Creek Proj.	
LYC-086	YC-15	4/26/00	150			4.80	18.0	178.0		54.00		4.00	16.40	541.0	20		Yellow Creek Proj.	
LYC-086	YC-15	7/31/00	100			4.60	14.0	176.0		63.30		4.18	18.00	658.0	12		Yellow Creek Proj.	
LYC-086	YC-15	10/31/00	75			6.20	80.0	92.0		73.60		2.86	5.19	557.0	20		Yellow Creek Proj.	
LYC-086	YC-15	2/28/01	50			6.40	136.0	<2.0		73.30		1.31	0.86	683.2	30		Yellow Creek Proj.	
LYC-086	YC-15	4/26/01	75			6.00	48.0	100.0		62.30		2.51	2.18	563.6	<3		Yellow Creek Proj.	
LYC-086	YC-2	6/27/03	530	1191		4.25	0.0	57.5		58.46		1.15	4.04	570.1	174	938	BCWA Assessment-IUP	
LYC-086	YC-2	7/30/03	353	1358		3.59	0.0	132.4		76.80		2.82	12.27	623.6	138	1116	BCWA Assessment-IUP	
LYC-086	YC-2	8/19/03	399	1373		3.37	0.0	174.8		77.76		3.88	18.55	623.5	146	972	BCWA Assessment-IUP	
LYC-086	YC-2	9/28/03	210	1242		5.83	39.6	111.5		82.97		1.39	1.91	603.4	148	872	BCWA Assessment-IUP	
LYC-086	YC-2	10/25/03	292	1192		5.59	32.8	82.1		78.12		0.81	1.04	564.5	94	880	BCWA Assessment-IUP	
LYC-086	YC-2	12/5/03	210	1405		4.53	-1.0	252.7		72.07		3.53	18.67	634.9	110	958	BCWA Assessment-IUP	
LYC-086	YC-2	12/31/03	332	1364		4.00	0.0	229.9		69.10		3.33	17.41	678.0	130	928	BCWA Assessment-IUP	
LYC-086	YC-2	2/28/04	422	1184		4.63	3.0	187.2		57.22		2.39	13.45	641.6	132	858	BCWA Assessment-IUP	
LYC-086	YC-2	3/27/04	438	1357		3.13	0.0	202.9		66.52		3.58	20.54	563.9	108	848	BCWA Assessment-IUP	
LYC-086	YC-2	4/16/04	493	1366		3.00	0.0	229.6		50.90		3.99	23.56	601.9	90	1054	BCWA Assessment-IUP	
LYC-086	YC-2	5/13/04	348	1303		4.08	0.0	162.3		73.34		2.66	12.88	621.4	146	990	BCWA Assessment-IUP	
LYC-087	YC-16	4/24/97				3.30	<2.0	224.0		26.60		3.64	21.10	456.4	<3		Yellow Creek Proj.	
LYC-087	YC-16	7/11/97				2.40	<2.0	558.0		66.20		6.37	47.80	925.0	<3		Yellow Creek Proj.	
LYC-087	YC-16	9/30/97				3.20	<2.0	216.0		20.90		3.47	19.30	423.0	4		Yellow Creek Proj.	
LYC-087	YC-16	12/5/97	375			3.50	<2.0	128.0		12.60		2.94	11.80	321.0	<3		Yellow Creek Proj.	
LYC-087	YC-16	1/28/98				3.20	<2.0	206.0		16.90		2.38	13.90	332.0	<3		Yellow Creek Proj.	
LYC-087	YC-16	4/24/98				3.50	<2.0	88.0		8.08		2.18	6.70	254.0	6		Yellow Creek Proj.	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.			Acidity (mg/l)									
LYC-087	YC-16	8/18/98				3.00	<2.0	516.0		58.00		5.68	45.30	1001.0	8		Yellow Creek Proj.	
LYC-087	YC-16	11/12/98				3.00	<2.0	532.0		59.00		6.40	47.00	1035.0	8		Yellow Creek Proj.	
LYC-087	YC-16	2/22/99	160			3.40	<2.0	186.0		22.00		3.80	20.00	441.0	<3		Yellow Creek Proj.	
LYC-087	YC-16	4/26/99				3.50	<2.0	108.0		11.30		2.50	10.00	192.0	<3		Yellow Creek Proj.	
LYC-087	YC-16	7/26/99				2.70	<2.0	102.4		100.00		8.50	93.00	1530.0	<3		Yellow Creek Proj.	
LYC-087	YC-16	10/28/99				3.00	<2.0	712.0		104.00		8.30	77.00	1023.0	6		Yellow Creek Proj.	
LYC-087	YC-16	1/27/00				3.10	<2.0	378.0		41.00		4.00	38.00	775.0	<3		Yellow Creek Proj.	
LYC-087	YC-16	4/26/00				3.40	<2.0	148.0		13.00		2.00	11.00	341.0	<3		Yellow Creek Proj.	
LYC-087	YC-16	7/31/00				2.90	<2.0	574.0		56.90		6.45	57.70	1045.0	<3		Yellow Creek Proj.	
LYC-087	YC-16	2/28/01				3.20	<2.0	240.0		28.70		3.11	22.90	533.5	<3		Yellow Creek Proj.	
LYC-087	YC-16	4/26/01				3.30	<2.0	184.0		20.30		2.43	16.20	394.5	<3		Yellow Creek Proj.	
LYC-088	YC-17	4/24/97				2.90	<2.0	574.0		62.30		3.91	51.30	904.3	<3		Yellow Creek Proj.	
LYC-088	YC-17	7/11/97	33			2.70	<2.0	952.0		91.50		5.54	79.10	1335.0	<3		Yellow Creek Proj.	
LYC-088	YC-17	9/30/97	44			2.80	<2.0	710.0		65.20		3.55	58.70	1067.0	<3		Yellow Creek Proj.	
LYC-088	YC-17	12/5/97	123			3.00	<2.0	350.0		36.20		2.68	30.30	552.0	4		Yellow Creek Proj.	
LYC-088	YC-17	1/28/98	145			3.10	<2.0	314.0		30.50		2.32	23.60	1076.0	<3		Yellow Creek Proj.	
LYC-088	YC-17	4/24/98	125			3.00	<2.0	294.0		26.00		1.92	19.90	521.0	<3		Yellow Creek Proj.	
LYC-088	YC-17	8/18/98	9			2.70	<2.0	950.0		91.10		5.28	84.20	1546.0	6		Yellow Creek Proj.	
LYC-088	YC-17	11/12/98	9			2.80	<2.0	1334.0		130.00		7.23	125.00	1789.0	6		Yellow Creek Proj.	
LYC-088	YC-17	2/22/99	44			2.90	<2.0	464.0		55.40		3.80	5.00	702.0	<3		Yellow Creek Proj.	
LYC-088	YC-17	4/26/99	125			3.00	<2.0	288.0		29.00		2.40	25.00	433.0	<3		Yellow Creek Proj.	
LYC-088	YC-17	7/26/99	9			2.60	<2.0	1296.0		106.00		6.40	117.00	1795.0	<3		Yellow Creek Proj.	
LYC-088	YC-17	10/28/99	9			2.80	<2.0	1566.0		174.00		8.20	161.00	1255.0	6		Yellow Creek Proj.	
LYC-088	YC-17	1/27/00	21			2.80	<2.0	836.0		80.00		5.00	82.00	1156.0	4		Yellow Creek Proj.	
LYC-088	YC-17	4/26/00	125			3.00	<2.0	322.0		30.00		2.20	26.00	455.0	<3		Yellow Creek Proj.	
LYC-088	YC-17	7/31/00				2.70	<2.0	996.0		85.30		6.12	101.00	1729.0	<3		Yellow Creek Proj.	
LYC-088	YC-17	2/28/01				2.90	<2.0	584.0		67.60		3.33	54.60	890.2	14		Yellow Creek Proj.	
LYC-088	YC-17	4/26/01	160			2.90	<2.0	466.0		58.60		3.27	43.00	827.2	<3		Yellow Creek Proj.	
LYC-090	YC-20	4/24/97				3.80	<2.0	54.0		4.13		2.81	5.02	281.7	<3		Yellow Creek Proj.	
LYC-090	YC-20	7/11/97	9			3.30	<2.0	132.0		5.40		4.40	9.80	499.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	10/2/97	16			3.40	<2.0	112.0		8.28		3.58	8.68	478.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	12/5/97	124			4.00	3.4	42.0		2.90		2.10	3.50	259.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	1/28/98	55			4.20	5.8	24.0		1.36		1.74	2.50	228.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	4/24/98	55			4.10	3.8	26.0		0.00		1.34	1.90	205.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	8/18/98	3			3.30	<2.0	136.0		11.60		3.44	8.53	613.0	6		Yellow Creek Proj.	
LYC-090	YC-20	11/12/98	3			3.40	<2.0	125.0		10.00		4.00	9.60	529.0	8		Yellow Creek Proj.	
LYC-090	YC-20	2/22/99	10			3.70	<2.0	58.0		3.60		2.90	6.10	297.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	4/26/99	100			4.10	<2.0	30.0		0.80		1.60	2.50	211.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	7/26/99	3			3.10	<2.0	162.0		9.10		4.10	11.10	577.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	10/28/99	2			3.20	<2.0	162.0		16.40		4.80	13.50	803.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	1/27/00	9			3.60	<2.0	106.0		11.00		3.00	9.00	446.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	4/26/00				4.10	<2.0	28.0		1.00		1.60	3.00	207.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	7/31/00				3.10	<2.0	160.0		9.78		4.27	12.00	612.0	<3		Yellow Creek Proj.	
LYC-090	YC-20	2/28/01	25			4.20	5.8	42.0		3.45		2.11	4.28	315.9	<3		Yellow Creek Proj.	
LYC-090	YC-20	4/26/01	40			4.20	4.0	30.0		1.86		1.92	3.07	207.3	<3		Yellow Creek Proj.	
LYC-091	YC-21	4/24/97				4.50	4.2	48.0		<0.3		4.17	7.51	373.3	<3		Yellow Creek Proj.	
LYC-091	YC-21	7/11/97				4.30	6.2	90.0		0.46		6.90	10.30	482.0	<3		Yellow Creek Proj.	
LYC-091	YC-21	10/2/97				4.50	9.8	48.0		<0.3		4.47	6.84	417.0	<3		Yellow Creek Proj.	
LYC-091	YC-21	12/5/97				6.40	19.8	<2.0		<0.3		0.05	0.50	161.0	6		Yellow Creek Proj.	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH	S.U.			Acidity (mg/l)									
LYC-091	YC-21	1/28/98				4.50	8.2	42.0		<0.3		3.30	5.77	330.0	<3		Yellow Creek Proj.	
LYC-091	YC-21	4/24/98				4.40	7.6	40.0		<0.3		2.66	4.46	303.0	<3		Yellow Creek Proj.	
LYC-091	YC-21	8/18/98				4.40	8.0	64.0		<0.3		7.59	9.04	530.0	<3		Yellow Creek Proj.	
LYC-091	YC-21	11/12/98	0														Yellow Creek Proj.	
LYC-091	YC-21	4/26/99				4.80	11.0	44.0		0.30		3.70	6.70	315.0	<3		Yellow Creek Proj.	
LYC-091	YC-21	7/26/99	0														Yellow Creek Proj.	
LYC-091	YC-21	10/28/99				5.00	11.2	10.0		0.30		1.60	1.30	493.0	4		Yellow Creek Proj.	
LYC-091	YC-21	1/27/00				4.80	12.0	36.0		0.30		4.00	5.00	552.0	<3		Yellow Creek Proj.	
LYC-091	YC-21	4/26/00				4.80	12.0	44.0		0.30		3.40	6.60	399.0	<3		Yellow Creek Proj.	
LYC-091	YC-21	7/31/00				4.60	10.0	24.0		0.49		5.10	3.44	529.0	<3		Yellow Creek Proj.	
LYC-091	YC-21	2/28/01				4.70	11.2	62.0		<0.3		5.08	9.91	516.7	10		Yellow Creek Proj.	
LYC-091	YC-21	4/26/01				4.70	9.6	50.0		<0.3		4.20	7.49	408.2	76		Yellow Creek Proj.	
LYC-092	YC-22	4/24/97				6.90	90.0	<2.0		0.62		0.23	<0.50	51.2	5		Yellow Creek Proj.	
LYC-092	YC-22	10/2/97	0														Yellow Creek Proj.	
LYC-092	YC-22	12/5/97				7.50	118.0	<2.0		0.50		0.50	0.50	27.4	8		Yellow Creek Proj.	
LYC-092	YC-22	1/28/98				7.30	108.0	<2.0		0.50		0.68	0.50	320.0	<3		Yellow Creek Proj.	
LYC-092	YC-22	4/24/98				7.00	98.0	<2.0		<0.3		0.30	<0.50	255.0	<3		Yellow Creek Proj.	
LYC-092	YC-22	8/18/98	0														Yellow Creek Proj.	
LYC-092	YC-22	11/12/98	0														Yellow Creek Proj.	
LYC-092	YC-22	4/26/99				6.80	52.0	<2.0		0.50		0.07	0.50	131.0	<3		Yellow Creek Proj.	
LYC-092	YC-22	7/26/99	0														Yellow Creek Proj.	
LYC-092	YC-22	10/28/99	0														Yellow Creek Proj.	
LYC-092	YC-22	1/27/00	0														Yellow Creek Proj.	
LYC-092	YC-22	4/26/00				7.70	104.0	<2.0		0.30		0.10	0.50	309.0	<3		Yellow Creek Proj.	
LYC-092	YC-22	2/28/01	0														Yellow Creek Proj.	
LYC-092	YC-22	4/26/01				7.50	88.0	<2.0		<0.3		0.06	<0.50	299.7	28		Yellow Creek Proj.	
LYC-093	YC-23	2/28/01				5.10	24.0	144.0		68.20		4.14	16.60	709.2	72		Yellow Creek Proj.	
LYC-093	YC-23	4/30/01	215			4.60	14.4	226.0		59.60		4.18	19.10	655.0	48		Yellow Creek Proj.	
LYC-094	YC-24	4/24/97				6.10	102.0	108.0		90.60		1.72	5.47	688.0	18		Yellow Creek Proj.	
LYC-094	YC-24	9/30/97	193			6.00	90.0	126.0		70.00		2.37	5.91	620.4	22		Yellow Creek Proj.	
LYC-094	YC-24	12/5/97	274			5.50	34.0	184.0		90.30		4.80	15.90	680.0	60		Yellow Creek Proj.	
LYC-094	YC-24	1/22/98	288			3.70	<2.0	142.0		22.10		3.85	11.70	544.1	<3		Yellow Creek Proj.	
LYC-094	YC-24	4/15/98	288			5.00	20.0	160.0		69.00		3.54	13.50	606.0	78		Yellow Creek Proj.	
LYC-094	YC-24	8/18/98	198			6.10	58.0	54.0		57.60		1.85	1.74	554.0	68		Yellow Creek Proj.	
LYC-094	YC-24	11/12/98	150			6.10	86.0	98.0		80.00		2.90	5.30	600.0	38		Yellow Creek Proj.	
LYC-094	YC-24	2/22/99	220			5.40	30.0	136.0		79.70		4.90	12.60	746.0	26		Yellow Creek Proj.	
LYC-094	YC-24	4/21/99	288			3.80	<2.0	220.0		52.00		5.50	22.30	486.0	6		Yellow Creek Proj.	
LYC-094	YC-24	7/26/99	198			6.30	134.0	15.0		68.50		1.40	2.60	562.0	22		Yellow Creek Proj.	
LYC-094	YC-24	10/28/99	170			6.20	100.0	70.0		79.00		2.70	3.80	743.0	8		Yellow Creek Proj.	
LYC-094	YC-24	1/27/00	198			5.80	60.0	114.0		73.00		4.00	9.00	680.0	16		Yellow Creek Proj.	
LYC-094	YC-24	5/16/00	198			6.10	90.0	60.0		52.00		1.60	5.50	700.0	<3		Yellow Creek Proj.	
LYC-094	YC-3	6/27/03		1199		5.85	15.0	23.1		37.95		0.66	-0.10	525.2	114	880	BCWA Assessment-IUP	
LYC-094	YC-3	7/30/03		1238		5.50	13.7	52.3		79.26		0.81	-0.10	596.4	92	954	BCWA Assessment-IUP	
LYC-094	YC-3	8/19/03		1232		5.60	19.6	64.1		87.16		1.36	0.94	563.3	130	880	BCWA Assessment-IUP	
LYC-094	YC-3	9/28/03		1209		5.91	40.5	86.9		85.50		0.80	0.16	525.8	92	852	BCWA Assessment-IUP	
LYC-094	YC-3	10/24/03		1204		5.57	29.2	62.5		74.92		0.75	0.23	593.9	78	896	BCWA Assessment-IUP	
LYC-094	YC-3	12/5/03		1224		5.69	42.9	149.9		80.91		1.50	1.11	553.3	68	952	BCWA Assessment-IUP	
LYC-094	YC-3	12/31/03		1211		6.12	35.0	119.9		72.38		1.18	1.42	630.3	92	942	BCWA Assessment-IUP	
LYC-094	YC-3	1/30/04		1205		6.19	69.0	119.2		48.55		0.82	1.07	548.6	102	924	BCWA Assessment-IUP	



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
LYC-094	YC-3	2/28/04		1143	5.66	5.66	33.4	64.0		47.75		0.70	0.35	481.4	74	838	BCWA Assessment-IUP	
LYC-094	YC-3	3/26/04		1192	5.83	5.83	39.0	138.4		65.31		1.91	1.30	539.0	36	958	BCWA Assessment-IUP	
LYC-094	YC-3	4/16/04		1190	4.60	4.60	-1.0	146.7		66.45		2.67	7.06	602.5	82	924	BCWA Assessment-IUP	
LYC-094	YC-3	5/13/04		1268	5.53	5.53	14.5	58.4		94.28		0.98	0.83	638.3	132	1066	BCWA Assessment-IUP	
LYC-095	YC-25	4/24/97			2.50	2.50	<2.0	9364.0		>300		6.89	>500	9877.0	14		Yellow Creek Proj.	
LYC-095	YC-25	9/30/97	13		2.40	2.40	<2.0	9238.0		>300		3.39	>500	8349.0	<3		Yellow Creek Proj.	
LYC-095	YC-25	12/5/97	13		2.30	2.30	<2.0	11014.0		>300		7.63	>500	9787.0	20		Yellow Creek Proj.	
LYC-095	YC-25	1/28/98	36		2.40	2.40	<2.0	10570.0		>300		6.62	>500	9905.0	20		Yellow Creek Proj.	
LYC-095	YC-25	4/24/98	13		2.40	2.40	<2.0	9996.0		>300		6.02	>500	11407.0	<3		Yellow Creek Proj.	
LYC-095	YC-25	8/18/98	15		2.70	2.70	<2.0	10698.0		>300		6.61	>500	12045.0	14		Yellow Creek Proj.	
LYC-095	YC-25	11/12/98	10		2.60	2.60	<2.0	11624.0		>300		10.00	>500	11028.0	34		Yellow Creek Proj.	
LYC-095	YC-25	2/22/99	30		2.30	2.30	<2.0	17184.0		>300		11.10	>500	10992.0	14		Yellow Creek Proj.	
LYC-095	YC-25	4/26/99	30		2.30	2.30	<2.0	17032.0		>300		9.00	>500	15238.0	8		Yellow Creek Proj.	
LYC-095	YC-25	7/26/99	15		2.40	2.40	<2.0	17008.0		>300		11.00	>500	18397.0	8		Yellow Creek Proj.	
LYC-095	YC-25	10/28/99	10		2.30	2.30	<2.0	24260.0		>300		13.20	>500	22935.0	36		Yellow Creek Proj.	
LYC-095	YC-25	1/27/00	15		2.20	2.20	<2.0	29940.0		>300		11.00	>500	26609.0	64		Yellow Creek Proj.	
LYC-095	YC-25	4/26/00	30		2.20	2.20	<2.0	28740.0		>300		13.00	>500	28867.0	70		Yellow Creek Proj.	
LYC-095	YC-25	7/31/00	15		2.10	2.10	<2.0	39990.0		>300		13.30	>500	30941.0	130		Yellow Creek Proj.	
LYC-095	YC-25	10/31/00	15		2.30	2.30	<2.0	30190.0		>300		12.20	>500	29012.0	112		Yellow Creek Proj.	
LYC-095	YC-25	2/28/01	20		2.00	2.00	<2.0	27396.0		>300		13.20	>500	18058.0	182		Yellow Creek Proj.	
LYC-095	YC-25	4/26/01	25		2.10	2.10	<2.0	26304.0		>300		10.20	>500	24948.0	512		Yellow Creek Proj.	
LYC-095	601435	6/1/02	60	20000	2.20	2.20	1.0	1000.0		7662.00		18.10	2044.00	29875.0	119		ICCD - Multi County	
LYC-096	MP-17	5/14/93	12	843	4.00	3.11	0.0	153.9		5.00		1.24		297.2			Kent Coal Mining Company	32940105
LYC-096	YC-26	5/14/93	12	843	4.00	3.11	0.0	153.9		5.00		1.24		297.2	8		Yellow Creek Proj.	
LYC-096	MP-17	6/8/93	12	1059	4.00	3.03	0.0	135.5		15.36		4.02		364.8			Kent Coal Mining Company	32940105
LYC-096	YC-26	6/8/93	12	1059	4.00	3.03	0.0	135.5		15.36		4.02		364.8	<2		Yellow Creek Proj.	
LYC-096	MP-17	7/27/93	6	1226	4.00	3.37	0.0	68.2		4.00		7.61		626.1			Kent Coal Mining Company	32940105
LYC-096	YC-26	7/27/93	6	1226	4.00	3.37	0.0	68.2		4.00		7.61		626.1	<2		Yellow Creek Proj.	
LYC-096	MP-17	8/19/93	63	1524	3.40	2.80	0.0	253.5		36.76		7.10		608.0			Kent Coal Mining Company	32940105
LYC-096	YC-26	8/19/93	63	1524	3.40	2.80	0.0	253.5		36.76		7.10		608.0	4		Yellow Creek Proj.	
LYC-096	MP-17	9/24/93	15	1997	3.50	2.76	0.0	690.4		125.00		2.08		983.7			Kent Coal Mining Company	32940105
LYC-096	YC-26	9/24/93	15	1997	3.50	2.76	0.0	690.4		125.00		2.08		983.7	2		Yellow Creek Proj.	
LYC-096	MP-17	10/22/93	0														Kent Coal Mining Company	32940105
LYC-096	YC-26	10/22/93	0														Yellow Creek Proj.	
LYC-096	MP-17	1/11/94	0														Kent Coal Mining Company	32940105
LYC-096	YC-26	1/11/94	0														Yellow Creek Proj.	
LYC-096	MP-17	2/4/94	79	290	5.00	5.15	1.4	8.7		0.66		0.74		130.0			Kent Coal Mining Company	32940105
LYC-096	YC-26	2/4/94	79	290	5.00	5.15	1.4	8.7		0.66		0.74		130.0	10		Yellow Creek Proj.	
LYC-096	MP-17	4/20/94	21	258	4.70	4.60	<1.0	14.1		0.12		0.42		113.8			Kent Coal Mining Company	32940105
LYC-096	YC-26	4/20/94	21	258	4.70	4.60	<1.0	14.1		0.12		2.08		113.8	<2		Yellow Creek Proj.	
LYC-096	MP-17	9/15/97		0		3.50	0.0	76.0		2.36		5.57	5.40	517.0			Kent Coal Mining Company	32940105
LYC-096	MP-17	3/11/98	35	626		6.87	32.0			7.65		0.29		285.0			Kent Coal Mining Company	32940105
LYC-096	MP-17	3/16/98		0		4.20	0.0	24.0		1.73		1.05	2.36	174.7			Kent Coal Mining Company	32940105
LYC-096	MP-17	5/12/98	45	673		6.83	41.3			6.66		0.28		346.0			Kent Coal Mining Company	32940105
LYC-096	MP-17	9/17/98	0														Kent Coal Mining Company	32940105
LYC-096	MP-17	2/16/99		0		3.80	0.0	40.0		1.75		1.53	4.33	279.1			Kent Coal Mining Company	32940105
LYC-096	MP-17	3/14/00		0		3.50	0.0	70.0		2.25		2.35	6.55	414.8			Kent Coal Mining Company	32940105
LYC-096	MP-17	4/18/01		0		5.10	0.0	7.8		0.44		0.65	1.01	253.7			Kent Coal Mining Company	32940105
LYC-096	MP-17	4/4/02		0		3.70	0.0	77.4		1.85		1.23	5.88	380.3			Kent Coal Mining Company	32940105

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-097	YC-27	5/22/92	97	736	3.80	3.08	0.0	79.6		1.25		4.17		331.7	2		Yellow Creek Proj.	
LYC-097	YC-27	6/18/92	162	813	3.80	3.81	0.0	60.5		0.38		5.69		390.9	4		Yellow Creek Proj.	
LYC-097	YC-27	7/17/92	187	826	3.70	3.72	0.0	62.7		0.42		5.44		421.9	4		Yellow Creek Proj.	
LYC-097	YC-27	8/5/92	115	744	4.00	3.96	0.0	57.6		0.33		5.55		375.6	<2		Yellow Creek Proj.	
LYC-097	YC-27	9/17/92	87	941	4.00	3.58	0.0	76.6		0.37		7.18		461.4	<2		Yellow Creek Proj.	
LYC-097	YC-27	10/9/92	64	861	3.00	3.58	0.0	61.2		0.50		6.83		400.0	2		Yellow Creek Proj.	
LYC-097	YC-27	5/14/93	325	698	4.00	3.85	0.0	45.9		0.42		4.78		319.6	6		Yellow Creek Proj.	
LYC-097	YC-27	7/27/93	23	1490	3.60	2.84	0.0	276.0		17.22		5.14		610.2	2		Yellow Creek Proj.	
LYC-097	YC-27	8/19/93	27	1454	4.90	2.81	0.0	263.6		51.52		5.60		565.0	4		Yellow Creek Proj.	
LYC-097	YC-27	9/24/93	56	1061	3.90	3.10	0.0	121.5		16.26		4.22		358.4	2		Yellow Creek Proj.	
LYC-097	YC-27	10/22/93	1200	763	3.60	3.34	0.0	66.8		8.70		3.14		263.2	2		Yellow Creek Proj.	
LYC-098	BS-T-22	5/22/92	97	736	3.80	3.08	0.0	79.6		1.25		4.17		331.7			Kent Coal Mining Company	32940105
LYC-098	BS-T-22	6/18/92	162	813	3.80	3.81	0.0	60.5		0.38		5.69		390.9			Kent Coal Mining Company	32940105
LYC-098	BS-T-22	7/17/92	187	826	3.70	3.72	0.0	62.7		0.42		5.44		421.9			Kent Coal Mining Company	32940105
LYC-098	BS-T-22	8/5/92	115	744	4.00	3.96	0.0	57.6		0.33		5.55		375.6			Kent Coal Mining Company	32940105
LYC-098	BS-T-22	9/17/92	87	941	4.00	3.58	0.0	76.6		0.37		7.18		461.4			Kent Coal Mining Company	32940105
LYC-098	BS-T-22	10/9/92	64	861	3.00	3.58	0.0	61.2		0.50		6.83		400.0			Kent Coal Mining Company	32940105
LYC-098	BS-T-22	5/14/93	325	698	4.00	3.85	0.0	45.9		0.42		4.78		319.6			Kent Coal Mining Company	32940105
LYC-098	BS-T-22	7/27/93	23	1490	3.60	2.84	0.0	276.0		17.22		5.14		610.2			Kent Coal Mining Company	32940105
LYC-098	BS-T-22	8/19/93	27	1454	4.90	2.81	0.0	263.6		51.52		5.60		565.0			Kent Coal Mining Company	32940105
LYC-098	BS-T-22	9/24/93	56	1061	3.90	3.10	0.0	121.5		16.26		4.22		358.4			Kent Coal Mining Company	32940105
LYC-098	BS-T-22	10/22/93	1200	763	3.60	3.34	0.0	66.8		8.70		3.14		263.2			Kent Coal Mining Company	32940105
LYC-099	MP-D	4/20/94	218	479	5.30	4.47	0.0	39.6		10.17		0.87		184.0			Kent Coal Mining Company	32940105
LYC-099	YC-29	4/20/94	218	479	5.30	4.47	0.0	39.6		19.17		0.87		184.0	6		Yellow Creek Proj.	
LYC-099	MP-D	5/12/94	138	579	4.20	4.46	0.0	52.1		7.46		0.87		210.1			Kent Coal Mining Company	32940105
LYC-099	YC-29	5/12/94	138	579	4.20	4.46	0.0	52.1		7.46		0.87		210.1	4		Yellow Creek Proj.	
LYC-099	MP-D	6/9/94	42	819	4.20	3.49	0.0	76.3		14.46		1.60		294.1			Kent Coal Mining Company	32940105
LYC-099	YC-29	6/9/94	42	819	4.20	3.49	0.0	76.3		14.46		1.60		294.1	4		Yellow Creek Proj.	
LYC-099	MP-D	7/8/94	16	1338	3.50	2.83	0.0	198.7		18.76		4.34		466.9			Kent Coal Mining Company	32940105
LYC-099	YC-29	7/8/94	16	1338	3.50	2.83	0.0	198.7		18.76		4.34		466.9	4		Yellow Creek Proj.	
LYC-099	MP-D	8/16/94	220	1049	3.40	3.22	0.0	134.3		15.56		2.23		384.0			Kent Coal Mining Company	32940105
LYC-099	YC-29	8/16/94	220	1049	3.40	3.22	0.0	134.3		15.56		2.23		384.0	2		Yellow Creek Proj.	
LYC-099	MP-D	9/2/94	195	851	3.70	3.23	0.0	81.1		5.41		1.49		295.1			Kent Coal Mining Company	32940105
LYC-099	YC-29	9/2/94	195	851	3.70	3.23	0.0	81.1		5.41		1.49		295.1	2		Yellow Creek Proj.	
LYC-099	MP-D	6/10/97		0		4.10	3.2	72.0		21.40		1.68	2.24	267.0			Kent Coal Mining Company	32940105
LYC-099	MP-D	9/15/97		0		3.20	0.0	178.0		35.70		3.83	5.67	402.0			Kent Coal Mining Company	32940105
LYC-099	MP-D	6/8/98		0		3.40	0.0	144.0		31.30		3.13	4.64	327.0			Kent Coal Mining Company	32940105
LYC-099	MP-D	2/16/99		0		4.80	8.4	32.0		12.40		1.13	2.43	237.6			Kent Coal Mining Company	32940105
LYC-099	MP-D	2/26/99	125	789	4.70	4.69	1.4	37.2		11.85		1.14		274.7			Kent Coal Mining Company	32940105
LYC-099	MP-D	5/3/99		0		4.40	6.8	50.0		18.60		1.34	2.41	219.8			Kent Coal Mining Company	32940105
LYC-099	MP-D	4/18/01		0		4.90	8.0	19.6		5.32		0.54	1.58	151.8			Kent Coal Mining Company	32940105
LYC-099	MP-D	4/4/02		0		4.90	11.4	78.4		10.60		0.82	1.68	155.6			Kent Coal Mining Company	32940105
LYC-101	YC-31	5/14/93	3	1907	4.00	2.66	0.0	446.6		202.40		6.42		771.1	136		Yellow Creek Proj.	
LYC-101	YC-31	6/8/93	3	610	4.00	4.06	0.0	37.4		5.42		2.76		153.4	64		Yellow Creek Proj.	
LYC-102	YC-32	5/14/93	2	211	5.50	5.67	6.0	6.1		2.88		2.37		43.1	522		Yellow Creek Proj.	
LYC-102	YC-32	6/8/93		367	6.00	6.12	8.0	7.6		18.74		17.42		72.2	632		Yellow Creek Proj.	
LYC-103	YC-33	5/14/93	1	1146	4.00	2.83	0.0	153.5		132.60		2.91		241.5	576		Yellow Creek Proj.	
LYC-103	YC-33	6/8/93	1	1135	3.00	2.90	0.0	139.0		60.60		2.22		205.3	82		Yellow Creek Proj.	
LYC-104	YC-34	5/14/93	0	735	4.00	3.33	0.0	105.7		9.38		4.92		247.3	222		Yellow Creek Proj.	
LYC-104	YC-34	6/8/93	2	758	3.00	3.25	0.0	92.4		6.38		3.79		237.7	82		Yellow Creek Proj.	
LYC-105	YC-35	4/20/94	162	455	5.40	5.98	9.0	4.9		1.09		0.28		162.7	8		Yellow Creek Proj.	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
LYC-105	YC-35	5/12/94	39	544	7.30	6.97	18.8	5.3		0.59		0.23		188.9	4		Yellow Creek Proj.	
LYC-105	YC-35	6/9/94	21	630	7.60	6.34	6.2	3.3		0.45		0.32		250.5	4		Yellow Creek Proj.	
LYC-105	YC-35	7/8/94		556	4.70	4.04	0.0	16.7		0.06		0.72		192.0	2		Yellow Creek Proj.	
LYC-105	YC-35	8/16/94	40	721	4.00	4.01	0.0	36.5		0.28		0.46		278.1	2		Yellow Creek Proj.	
LYC-105	YC-35	9/2/94	29	597	5.80	6.44	17.9	5.2		0.31		0.26		245.1	2		Yellow Creek Proj.	
LYC-107	BS-B	4/20/94	32	592	6.50	6.83	79.3	7.3		0.11		0.05		197.3			Kent Coal Mining Company	32940105
LYC-107	BS-B	5/12/94	22	656	7.40	7.49	71.4	6.5		0.12		0.06		224.9			Kent Coal Mining Company	32940105
LYC-107	BS-B	6/9/94	12	785	7.50	7.42	104.1	4.8		0.09		0.06		254.7			Kent Coal Mining Company	32940105
LYC-107	BS-B	7/8/94	0														Kent Coal Mining Company	32940105
LYC-107	BS-B	8/16/94	35	701	5.50	4.60	<1.0	8.7		0.58		0.26		277.0			Kent Coal Mining Company	32940105
LYC-107	BS-B	9/2/94	11	699	6.00	6.94	99.6	7.3		0.19		0.17		239.8			Kent Coal Mining Company	32940105
LYC-107	BS-B	1/25/95	12	1119	6.60	6.83	62.1	5.5		0.17		0.06	0.10	548.4			Kent Coal Mining Company	32940105
LYC-108	BS-C	4/20/94	162	455	5.40	5.98	9.0	4.9		1.09		0.28		162.7			Kent Coal Mining Company	32940105
LYC-108	BS-C	5/12/94	39	544	7.30	6.97	18.8	5.3		0.59		0.23		188.9			Kent Coal Mining Company	32940105
LYC-108	BS-C	6/9/94	21	630	7.60	6.34	6.2	3.3		0.45		0.32		250.5			Kent Coal Mining Company	32940105
LYC-108	BS-C	7/8/94		556	4.70	4.04	0.0	16.7		0.06		0.72		192.0			Kent Coal Mining Company	32940105
LYC-108	BS-C	8/16/94	40	721	4.00	4.01	0.0	36.5		0.28		0.46		278.1			Kent Coal Mining Company	32940105
LYC-108	BS-C	9/2/94	29	597	5.80	6.44	17.9	5.2		0.31		0.26		245.1			Kent Coal Mining Company	32940105
LYC-108	601465	6/1/02	125	740		4.10	1.0	47.0		13.60		1.30	0.98	215.0	14		ICCD - Multi County	
LYC-109	BS-E	7/13/94	2	805	3.40	3.14	0.0	82.5		3.24		1.06	5.18	250.5			Kent Coal Mining Company	32940105
LYC-109	BS-E	8/16/94	35	694	5.10	4.90	1.3	10.8		0.41		0.29	0.65	280.2			Kent Coal Mining Company	32940105
LYC-109	BS-E	1/25/95	75	697	4.30	4.28	0.0	24.9		2.60		0.27	2.12	132.3			Kent Coal Mining Company	32940105
LYC-109	BS-E	2/13/95	26	847	4.20	3.43	0.0	68.4		3.50		0.54	4.02	167.9			Kent Coal Mining Company	32940105
LYC-110	BS-G	7/13/94	11	1271	3.50	3.31	0.0	59.9		1.36		6.55	2.86	630.6			Kent Coal Mining Company	32940105
LYC-110	BS-G	7/27/94	2	1303	3.80	3.28	0.0	71.5		1.25		6.42	3.20	602.2			Kent Coal Mining Company	32940105
LYC-110	BS-G	8/16/94	2	1321	3.50	3.37	0.0	77.7		1.05		6.63	3.18	658.0			Kent Coal Mining Company	32940105
LYC-110	BS-G	8/24/94	3	1193	3.30	3.39	0.0	71.9		1.28		6.25	3.04	525.1			Kent Coal Mining Company	32940105
LYC-110	BS-G	9/2/94	2	1275	3.40	3.30	0.0	77.3		1.30		7.04	3.32	604.9			Kent Coal Mining Company	32940105
LYC-110	BS-G	9/27/94	1	1445	3.60	3.28	0.0	70.5		1.78		7.57	4.55	724.5			Kent Coal Mining Company	32940105
LYC-110	BS-G	10/11/94	2	1495	3.80	3.48	0.0	90.0		1.15		7.70	4.64	737.8			Kent Coal Mining Company	32940105
LYC-110	BS-G	10/31/94	2	1527	3.70	3.32	0.0	69.7		0.99		7.34	4.62	152.3			Kent Coal Mining Company	32940105
LYC-112	MP-12	5/14/93	7	197	7.00	6.66	48.3	8.2		1.65		0.47		26.2			Kent Coal Mining Company	32940105
LYC-112	MP-12	7/27/93	0														Kent Coal Mining Company	32940105
LYC-112	MP-12	8/19/93	0														Kent Coal Mining Company	32940105
LYC-112	MP-12	9/24/93	0														Kent Coal Mining Company	32940105
LYC-112	MP-12	10/22/93	12	328	6.70	7.98	80.8	1.9		0.07		0.09		35.8			Kent Coal Mining Company	32940105
LYC-112	MP-12	1/11/94	18	813	7.00	7.11	48.6	3.3		0.07		0.09		33.7			Kent Coal Mining Company	32940105
LYC-112	MP-12	2/4/94	42	1787	6.20	7.23	46.7	3.9		0.33		0.07		38.4			Kent Coal Mining Company	32940105
LYC-112	MP-12	3/21/94	30	562	8.20	7.67	113.3	1.7		0.05		0.16		58.2			Kent Coal Mining Company	32940105
LYC-112	MP-12	4/20/94	12	167	6.80	6.40	22.8	3.6		0.12		0.07		29.3			Kent Coal Mining Company	32940105
LYC-112	MP-12	5/12/94	13	171	7.40	7.02	27.0	4.9		0.14		0.08		28.3			Kent Coal Mining Company	32940105
LYC-112	MP-12	2/6/97		0		7.00	62.0			0.45		0.33	<0.50	126.7			Kent Coal Mining Company	32940105
LYC-112	MP-12	6/10/97		0		7.70	132.0			<0.3		0.21	<0.50	379.4			Kent Coal Mining Company	32940105
LYC-112	MP-12	3/11/98	70	771		8.04	96.7			0.22		0.51		224.0			Kent Coal Mining Company	32940105
LYC-112	MP-12	5/12/98	125	708		7.96	99.3			0.13		0.32		230.0			Kent Coal Mining Company	32940105
LYC-112	MP-12	6/8/98	0														Kent Coal Mining Company	32940105
LYC-112	MP-12	9/17/98	0														Kent Coal Mining Company	32940105
LYC-112	MP-12	2/16/99		0		6.60	56.0			<0.3		0.05	<0.50	129.0			Kent Coal Mining Company	32940105
LYC-112	MP-12	4/18/01		0		7.00	50.0			0.24		0.12	<0.02	72.1			Kent Coal Mining Company	32940105

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-112	MP-12	4/4/02		0		6.40	48.0			<0.3		0.06	<0.50	70.2			Kent Coal Mining Company	32940105
LYC-114	MP-18	5/14/93	575	1001	4.00	3.04	0.0	121.8		13.98		3.47		343.5			Kent Coal Mining Company	32940105
LYC-114	MP-18	6/8/93	1044	1093	4.00	3.02	0.0	143.0		13.38		3.90		407.3			Kent Coal Mining Company	32940105
LYC-114	MP-18	7/27/93	31	1465	3.70	2.83	0.0	268.5		14.64		5.04		626.1			Kent Coal Mining Company	32940105
LYC-114	MP-18	8/19/93	97	1657	6.00	2.78	0.0	318.2		22.72		6.02		682.0			Kent Coal Mining Company	32940105
LYC-114	MP-18	9/24/93	123	1245	3.50	3.00	0.0	192.7		18.02		4.91		543.7			Kent Coal Mining Company	32940105
LYC-114	MP-18	10/22/93	1450	824	3.80	3.22	0.0	88.8		6.96		3.33		324.4			Kent Coal Mining Company	32940105
LYC-114	MP-18	10/1/96		0		3.60	0.0	70.0		6.41		2.41	5.51	216.3			Kent Coal Mining Company	32940105
LYC-114	MP-18	2/3/97		0		3.80	0.0	72.0		5.79		1.88	4.49	276.3			Kent Coal Mining Company	32940105
LYC-114	MP-18	8/7/97		0		3.00	0.0	266.0		10.90		4.74	22.30	614.8			Kent Coal Mining Company	32940105
LYC-114	MP-18	9/15/97		0		3.10	0.0	204.0		11.90		3.91	13.90	470.0			Kent Coal Mining Company	32940105
LYC-114	MP-18	3/11/98	650	557		4.04	0.0	46.7		7.05		1.73		232.0			Kent Coal Mining Company	32940105
LYC-114	MP-18	5/12/98	350	491		4.53	0.2	32.3		4.11		1.47		239.0			Kent Coal Mining Company	32940105
LYC-114	MP-18	9/17/98	35	1593	4.00	2.93	0.0	343.5		18.55		5.31		636.0			Kent Coal Mining Company	32940105
LYC-114	MP-18	11/28/98	25	2180	4.20	2.91	0.0	577.8		31.00		8.75		2899.4			Kent Coal Mining Company	32940105
LYC-114	MP-18	2/16/99		0		3.80	0.0	56.0		8.20		2.32	5.58	257.0			Kent Coal Mining Company	32940105
LYC-114	MP-18	2/26/99	150	1023	4.20	3.24	0.0	171.6		14.10		3.58		471.2			Kent Coal Mining Company	32940105
LYC-114	MP-18	4/13/99		0		3.80	0.0	54.0		5.13		1.47	4.39	151.0			Kent Coal Mining Company	32940105
LYC-114	MP-18	11/4/99	300	1114	3.30	3.14	0.0	258.8		16.80		5.38		1504.5			Kent Coal Mining Company	32940105
LYC-114	MP-18	3/15/00	250	909	3.20	3.08	0.0	223.7		11.65		2.83		409.7			Kent Coal Mining Company	32940105
LYC-114	MP-18	4/28/00	250	813	2.90	3.20	0.0	133.7		7.87		2.45		359.8			Kent Coal Mining Company	32940105
LYC-114	MP-18	8/31/00	80	1773	2.40	2.79	0.0	439.3		16.15		7.47		962.4			Kent Coal Mining Company	32940105
LYC-114	MP-18	10/19/00	350	841	3.10	3.18	0.0	145.7		8.10		2.86		325.2			Kent Coal Mining Company	32940105
LYC-114	MP-18	1/11/01	200	1570	3.00	3.00	0.0	441.1		40.25		5.02		1159.5			Kent Coal Mining Company	32940105
LYC-114	MP-18	5/16/01	175	1451	4.00	2.91	0.0	420.2		37.40		4.74		859.4			Kent Coal Mining Company	32940105
LYC-114	MP-18	6/18/01		0		4.60	7.6	17.4		2.67		0.66	2.49	106.3			Kent Coal Mining Company	32940105
LYC-114	MP-18	7/13/01	150	1662	3.00	2.87	0.0	524.6		40.65		5.05		962.6			Kent Coal Mining Company	32940105
LYC-114	MP-18	10/1/01	75	2270	2.80	2.76	0.0	791.5		75.75		8.55		1691.5			Kent Coal Mining Company	32940105
LYC-114	MP-18	3/27/02	800	385	3.50	3.89	0.0	34.8		1.66		1.72		174.4			Kent Coal Mining Company	32940105
LYC-114	MP-18	6/21/02	300	620	3.20	3.47	0.0	64.5		0.41		3.43		271.9			Kent Coal Mining Company	32940105
LYC-114	MP-18	8/27/02	40	1267	3.30	3.11	0.0	167.8		0.72		11.39		535.3			Kent Coal Mining Company	32940105
LYC-115	MP-2	5/14/93	9	105	7.00	6.38	23.8	2.3		0.24		0.03		18.6			Kent Coal Mining Company	32940105
LYC-115	MP-2	6/8/93	7	108	7.00	7.17	28.5	3.1		0.31		0.05		14.9			Kent Coal Mining Company	32940105
LYC-115	MP-2	7/27/93	2	107	7.00	6.99	25.5	2.5		0.35		0.04		15.6			Kent Coal Mining Company	32940105
LYC-115	MP-2	9/24/93	0														Kent Coal Mining Company	32940105
LYC-115	MP-2	10/22/93	0														Kent Coal Mining Company	32940105
LYC-115	MP-2	1/11/94	0														Kent Coal Mining Company	32940105
LYC-115	MP-2	2/4/94	17	92	6.90	6.55	14.4	3.6		0.04		<0.02		21.9			Kent Coal Mining Company	32940105
LYC-115	MP-2	3/21/94	5	286	8.00	5.17	2.0	5.7		0.44		0.54		104.4			Kent Coal Mining Company	32940105
LYC-115	MP-2	4/20/94	2	100	6.20	4.32	0.0	13.6		0.58		0.54		26.5			Kent Coal Mining Company	32940105
LYC-115	MP-2	9/15/97		0		5.20	9.6	18.0		1.20		3.05	3.28	317.0			Kent Coal Mining Company	32940105
LYC-115	MP-2	1/30/98	20	113	6.70	7.14	23.4			0.09		0.07		31.0			Kent Coal Mining Company	32940105
LYC-115	MP-2	5/12/98	25	105		7.26	22.7			0.28		0.04		19.0			Kent Coal Mining Company	32940105
LYC-115	MP-2	9/17/98	1	127	6.60	6.85	33.6			0.19		0.06		20.0			Kent Coal Mining Company	32940105
LYC-115	MP-2	2/16/99		0		6.30	28.0			<0.3		<0.05	<0.50	39.3			Kent Coal Mining Company	32940105
LYC-115	MP-2	3/14/00		0		6.50	30.0			<0.3		<0.05	<0.50	39.1			Kent Coal Mining Company	32940105
LYC-115	MP-2	4/18/01		0		6.50	24.0			<0.3		<0.05	<0.50	<20.0			Kent Coal Mining Company	32940105
LYC-115	MP-2	4/4/02		0		6.10	28.0			<0.3		0.07	<0.50	40.1			Kent Coal Mining Company	32940105
LYC-119	MP-S-8	3/29/95	300	364	6.50	7.03	12.1			0.25		0.78		154.0			M.B. Energy, Inc.	32990102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-119	MP-S-8	4/26/95	250	368	6.80	7.21	12.4			0.24		0.65		129.1			M.B. Energy, Inc.	32990102
LYC-119	MP-S-8	9/26/97		478	7.00	5.90	11.9	3.6		0.05		0.05		192.0			M.B. Energy, Inc.	32990102
LYC-119	MP-S-8	10/26/98	17	586	7.00	6.21	10.4	6.9		0.06		0.08		278.4			M.B. Energy, Inc.	32990102
LYC-119	MP-S-8	11/18/98		538	6.50	6.45	10.2	4.8		0.06		0.02		245.2			M.B. Energy, Inc.	32990102
LYC-119	MP-S-8	12/28/98		348	6.50	6.60	9.4	4.0		0.08		0.62		146.1			M.B. Energy, Inc.	32990102
LYC-119	MP-S-8	1/22/99		168	6.50	6.30	6.5	6.1		1.76		0.74		51.1			M.B. Energy, Inc.	32990102
LYC-119	MP-S-8	2/23/99	675	361	6.50	6.37	12.4	2.9		0.16		0.69		135.7			M.B. Energy, Inc.	32990102
LYC-119	MP-S-8	3/22/99		190	6.50	6.03	8.3	2.8		0.33		0.40		59.3			M.B. Energy, Inc.	32990102
LYC-119	MP-S-8	5/16/00	315	494	7.00	6.59	13.4	3.9		0.15		0.44	0.20	208.6			M.B. Energy, Inc.	32990102
LYC-119	MP-S-8	8/24/00	200	440	5.60	6.89	19.5	3.5		0.48		0.19		207.7			M.B. Energy, Inc.	32990102
LYC-119	MP-S-8	10/19/00	375	220	7.20	6.64	15.1	3.5		0.20		0.21		63.3			M.B. Energy, Inc.	32990102
LYC-121	S2	1/16/96		0		6.20	18.0	22.0		0.79		0.22	0.83	58.0			PADEP	32950109
LYC-121	S2	7/12/00		0		5.80	12.4	10.4		3.50		0.96	0.92	85.4			PADEP	32950109
LYC-121	S2	1/22/01		0		6.20	17.0			1.08		0.51	0.97	96.0			PADEP	32950109
LYC-121	S2	6/18/02		0		6.30	14.4	44.8		2.30		0.40	1.92	36.0			PADEP	32950109
LYC-123	S5	1/16/96		0		6.70	38.0			<0.3		<0.05	<0.50	28.0			PADEP	32950109
LYC-123	S5	3/26/97		0		6.70	44.0			0.69		0.10	<0.50	21.3			PADEP	32950109
LYC-123	S5	8/21/97		0		6.60	56.0			0.98		0.14	0.59	<20.0			PADEP	32950109
LYC-123	S5	1/26/98		0		6.60	36.0			<0.3		0.06	<0.50	36.1			PADEP	32950109
LYC-123	S5	4/16/98		0		6.50	48.0			1.06		0.08	0.77	36.2			PADEP	32950109
LYC-123	S5	7/12/00		0		6.80	74.0			0.49		0.05	<0.50	28.2			PADEP	32950109
LYC-123	S5	1/22/01		0		6.90	40.0			<0.3		0.09	<0.50	31.0			PADEP	32950109
LYC-123	S5	8/20/01		0		7.40	92.0			0.53		0.10	<0.50	49.5			PADEP	32950109
LYC-123	S5	6/18/02				7.20	48.0			<0.3		0.54	<0.50				PADEP	32950109
LYC-124	S7	1/16/96		0		6.60	44.0			<0.3		0.07	<0.50	35.0			PADEP	32950109
LYC-124	S7	3/26/97		0		6.60	50.0			1.48		0.10	0.98	33.1			PADEP	32950109
LYC-124	S7	8/21/97		0		6.50	64.0			0.43		0.14	<0.50	<20.0			PADEP	32950109
LYC-124	S7	1/26/98		0		6.70	46.0			<0.3		0.07	<0.50	31.0			PADEP	32950109
LYC-124	S7	4/16/98		0		6.50	54.0			0.50		0.10	<0.50	22.0			PADEP	32950109
LYC-124	S7	10/3/00		0		7.10	88.0			<0.3		0.15	<0.50	33.2			PADEP	32950109
LYC-124	S7	1/22/01		0		6.90	48.0			<0.3		0.13	<0.50	33.0			PADEP	32950109
LYC-124	S7	8/20/01		0		7.60	110.0			1.10		0.16	<0.50	50.6			PADEP	32950109
LYC-124	S7	6/18/02				7.10	62.0			0.56		0.27	<0.50				PADEP	32950109
LYC-125	001	6/10/97	0														Kent Coal Mining Company	32940105
LYC-126	002	6/10/97	0														Kent Coal Mining Company	32940105
LYC-127	003	6/10/97	0														Kent Coal Mining Company	32940105
LYC-137	MP-A	11/20/86	55	1450	4.00	3.40	0.0	478.0		64.50		4.38		656.0			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	12/18/86	60	1460	4.00	3.40	0.0	479.0		74.25		4.41		651.0			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	1/16/87	57	1510	4.00	3.30	0.0	481.0		69.30		5.17		710.0			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	2/5/87	51	1475	4.00	3.40	0.0	475.0		77.11		4.89		695.0			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	3/11/88	37	1440	3.30	3.01	0.0	567.3		20.01		4.51		686.0			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	6/16/88	25	6240	2.90	2.83	0.0	4766.2		461.00		42.00		5978.0			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	7/13/88	1	6910	2.70	2.56	0.0	2858.6		338.00		54.00		7129.0			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	10/25/88	37	5580	3.00	2.81	0.0	4853.3		514.00		50.30		5324.0			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	1/9/89	274	1372	3.10	2.95	0.0	439.6		15.42		4.59		805.0			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	4/21/89	72	5320	3.10	2.82	0.0	4187.7		770.00		20.08		5215.9			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	9/7/89	105	5910	2.90	2.67	0.0	4566.7		414.00		43.00		6145.0			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	10/19/89	108	3340	3.00	2.83	0.0	1845.0		161.80		18.66		2741.8			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	1/16/90	43	1832	3.00	2.67	0.0	766.7		89.10		6.72		961.5			Mears Enterprises, Inc.	32850110

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
LYC-137	MP-A	5/30/90	122	1712	3.20	2.83	0.0	686.7		67.50		6.23		1012.2			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	7/26/90	83	4820	2.70	2.52	0.0	3167.0		291.60		34.20		4544.5			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	10/5/90	52	4530	2.80	2.66	0.0	3163.0		257.50		33.04		4405.3			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	1/21/91	633	1633	2.80	2.79	0.0	551.9		83.92		3.84		894.4			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	6/5/91	64	5310	3.00	2.63	0.0	8050.0		54.00		41.20		5923.3			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	7/12/91	22	5490	2.60	2.46	0.0	5203.3		1540.00		18.20		6499.2			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	10/10/91	53	5810	2.10	2.73	0.0	4866.7		620.00		52.86		7243.1			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	1/7/92	78	2380	3.70	2.93	0.0	1126.0		91.60		10.84		1816.8			Mears Enterprises, Inc.	32850110
LYC-137	MP-A	2/6/97		0		6.20	14.2	1.0		<0.3		0.08	<0.50	27.5			Kent Coal Mining Company	32940105
LYC-137	MP-A	3/11/98	0														Kent Coal Mining Company	32940105
LYC-137	MP-A	5/12/98	10	176		7.64	34.5			0.24		0.05		33.0			Kent Coal Mining Company	32940105
LYC-137	MP-A	9/17/98	0														Kent Coal Mining Company	32940105
LYC-155	S1	4/26/01	1000	186	6.30	6.31	9.3			0.82		0.21	0.87	65.8			Britt Energies, Inc.	32010108
LYC-155	S1	5/21/01	1000	254	5.70	5.99	4.5	8.8		1.63		0.61	1.83	104.4			Britt Energies, Inc.	32010108
LYC-155	S1	6/8/01	1000	206	6.20	6.17	12.9			0.89		0.26	0.75	61.1			Britt Energies, Inc.	32010108
LYC-155	S1	7/12/01	1000	250	5.00	5.40	3.5	4.2		2.21		0.36	2.26	104.7			Britt Energies, Inc.	32010108
LYC-155	S1	8/16/01	1000	291	5.30	5.39	3.3	9.6		2.47		0.56	2.19	161.0			Britt Energies, Inc.	32010108
LYC-155	S1	9/27/01	10000	316	5.20	5.23	2.9	22.3		3.71		0.71	1.60	134.7			Britt Energies, Inc.	32010108
LYC-157	S3	4/26/01	1000	321	4.30	4.36	0.0	62.7		4.71		0.48	9.35	159.5			Britt Energies, Inc.	32010108
LYC-157	S3	5/21/01	1000	393	4.30	4.20	0.0	75.9		5.25		0.87	9.25	202.3			Britt Energies, Inc.	32010108
LYC-157	S3	6/8/01	1000	230	4.90	5.04	3.4	12.1		2.13		0.31	2.75	78.4			Britt Energies, Inc.	32010108
LYC-157	S3	7/12/01	1000	234	5.80	5.66	4.8	7.6		2.31		0.38	2.34	102.6			Britt Energies, Inc.	32010108
LYC-157	S3	8/16/01	1000	282	5.80	5.76	5.5	6.9		2.86		0.43	1.45	139.8			Britt Energies, Inc.	32010108
LYC-157	S3	9/27/01	10000	321	5.30	5.24	3.3	33.2		3.01		0.61	1.94	120.7			Britt Energies, Inc.	32010108
LYC-160	YC-05A	2/28/01	66			4.20	6.6	134.0		3.74		6.26	21.00	702.4	4		Yellow Creek Proj.	
LYC-160	YC-05A	4/26/01	75			3.80	<2.0	136.0		3.84		5.68	21.50	517.9	6		Yellow Creek Proj.	
LYC-160	YC-05A	5/31/01	40			4.10	5.8	140.0		1.55		6.00	21.10	752.0	20		Yellow Creek Proj.	
LYC-160	YC-05A	6/6/01	40			3.90	<2.0	151.0		2.68		5.78	20.20	622.2	6		Yellow Creek Proj.	
LYC-160	KBLYTB2	4/24/03				3.00	0.0		367.8	28.00	2.29	8.81	38.80	906.2	<2		Stream Team	
LYC-160	KBLYTB2	5/29/03				3.20	0.0		250.2	8.77	1.38	8.27	27.70	743.3	10		Stream Team	
LYC-160	KBLYTB2	6/24/03				3.60	0.0		175.6	7.66	4.62	8.42	21.50	842.2	22		Stream Team	
LYC-160	KBLYTB2	7/31/03				4.50	9.8		116.8	0.71	0.45	6.56	11.60	706.8	18		Stream Team	
LYC-160	KBLYTB2	8/28/03				3.10	0.0		287.0	19.70	3.04	8.35	32.50	795.7	8		Stream Team	
LYC-160	KBLYTB2	9/30/03				3.40	0.0		213.4	15.20	1.85	9.89	31.80	761.5	8		Stream Team	
LYC-160	KBLYTB2	10/30/03				3.60	0.0		207.0	4.01	0.99	11.00	26.70	807.0	24		Stream Team	
LYC-160	KBLYTB2	11/30/03				3.20	0.0		321.2	16.60	2.88	12.10	37.90	873.0	2		Stream Team	
LYC-161	KBLYT4	4/24/03	20			7.10	480.2		0.0	0.29	0.47	2.67	<0.02	326.1	6		Stream Team	
LYC-161	KBLYT4	5/29/03	10			6.80	563.4		0.0	0.07	0.17	2.61	<0.20	368.8	<2		Stream Team	
LYC-161	KBLYT4	6/24/03	10			6.80	558.0		0.0	0.11	0.09	3.11	<0.02	340.1	8		Stream Team	
LYC-161	KBLYT4	7/31/03				6.90	595.0		0.0	0.05	0.08	2.81	<0.02	320.5	20		Stream Team	
LYC-161	KBLYT4	8/28/03				6.70	369.8		0.0	0.14	0.19	4.13	<0.02	602.3	4		Stream Team	
LYC-161	KBLYT4	9/30/03				6.70	313.6		0.0	1.15	1.56	4.86	<0.02	839.1	2		Stream Team	
LYC-161	KBLYT4	10/30/03				6.60	257.4		0.0	13.30	14.56	4.53	<0.02	833.4	26		Stream Team	
LYC-161	KBLYT4	11/30/03				7.00	210.8		0.0	4.58	4.23	2.97	<0.02	517.0	<2		Stream Team	
LYC-162	KBLYTA3	8/28/03				4.50	10.4		97.0	0.63	0.48	7.74	17.10	10.4	20		Stream Team	
LYC-162	KBLYTA3	9/30/03				4.40	9.4		131.0	0.36	0.47	7.57	19.20	757.2	24		Stream Team	
LYC-162	KBLYTA3	10/30/03				4.50	10.2		128.8	0.38	0.54	7.90	19.20	772.9	28		Stream Team	
LYC-162	KBLYTA3	11/30/03				4.40	10.0		128.2	0.44	0.48	7.57	20.60	721.7	6		Stream Team	
LYC-163	KBLYTB3	8/28/03				4.40	10.6		163.8	15.10	7.96	8.62	23.40	767.9	12		Stream Team	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.			Acidity (mg/l)									
LYC-163	KBLYTB3	9/30/03				4.20	6.4		176.0	7.28	4.25	9.51	25.70	737.0	18		Stream Team	
LYC-163	KBLYTB3	10/30/03				3.80	0.0		195.0	8.97	2.39	10.80	26.30	837.5	28		Stream Team	
LYC-163	KBLYTB3	11/30/03				3.40	0.0		266.0	13.90	2.44	11.90	35.40	886.6	26		Stream Team	
LYC-164	KBLYTC1	8/28/03				3.40	0.0		226.8	54.60	30.18	3.80	17.10	653.4	4		Stream Team	
LYC-164	KBLYTC1	9/30/03				3.50	0.0		242.4	57.00	51.52	3.69	16.60	665.3	8		Stream Team	
LYC-164	KBLYTC1	10/30/03				3.50	0.0		249.6	60.60	63.41	4.02	16.50	561.5	12		Stream Team	
LYC-164	KBLYTC1	11/30/03				3.40	0.0		216.4	50.00	43.99	3.77	16.50	639.1	44		Stream Team	
LYC-165	KBLYTC2	8/28/03				6.80	313.0		0.0	0.57	0.47	3.72	<0.02	587.5	8		Stream Team	
LYC-165	KBLYTC2	9/30/03				7.00	275.2		0.0	0.99	1.23	3.56	0.31	547.3	6		Stream Team	
LYC-165	KBLYTC2	10/30/03				6.80	224.2		0.0	2.30	2.68	4.09	0.67	629.0	8		Stream Team	
LYC-165	KBLYTC2	11/30/03				7.00	205.0		0.0	1.51	1.37	3.97	0.46	575.4	82		Stream Team	
LYC-166	KBLYTC3	8/28/03				6.90	278.2		0.0	5.88	3.66	4.44	0.65	577.4	18		Stream Team	
LYC-166	KBLYTC3	9/30/03				6.90	225.4		0.0	7.94	4.93	4.58	0.89	610.2	28		Stream Team	
LYC-166	KBLYTC3	10/30/03				6.90	212.2		0.0	4.59	4.41	4.47	0.76	605.8	24		Stream Team	
LYC-166	KBLYTC3	11/30/03				7.10	145.6		0.0	8.93	6.29	5.25	2.68	624.5	<2		Stream Team	
LYC-167	YC-17A	10/12/99	20			3.70	<2.0	84.0		15.90		5.30	7.50	308.0	<3		Yellow Creek Proj.	
LYC-167	YC-17A	10/22/99	30			4.40	<2.0	126.0		27.50		7.20	7.80	439.0	8		Yellow Creek Proj.	
LYC-167	YC-17A	1/27/00	50			3.80	<2.0	96.0		14.00		4.00	8.00	311.0	<3		Yellow Creek Proj.	
LYC-167	YC-17A	4/26/00				4.40	8.0	34.0		2.40		2.00	3.40	139.0	4		Yellow Creek Proj.	
LYC-168	YC-19	7/31/00				4.40	8.0	38.0		<0.3		4.43	5.05	295.0	<3		Yellow Creek Proj.	
LYC-168	YC-19	2/28/01				4.50	19.2	52.0		<0.3		3.84	7.59	310.2	4		Yellow Creek Proj.	
LYC-168	YC-19	4/26/01				4.40	6.6	44.0		<0.3		3.74	6.77	254.0	<3		Yellow Creek Proj.	
LYC-169	YC-19A	10/12/99	10			4.50	8.0	28.0		<0.3		2.80	4.50	282.0	<3		Yellow Creek Proj.	
LYC-169	YC-19A	10/22/99	15			4.40	7.6	32.0		<0.3		2.80	4.50	436.0	<3		Yellow Creek Proj.	
LYC-169	YC-19A	1/27/00	40			4.60	10.0	26.0		0.30		2.00	3.50	236.0	<3		Yellow Creek Proj.	
LYC-169	YC-19A	4/26/00				4.70	10.0	22.0		0.30		1.70	3.00	143.0	4		Yellow Creek Proj.	
LYC-170	KBLYT3	3/1/02				3.50	0.0	42.8	322.8	13.70	5.40	33.30	6.15	966.0	<2		Stream Team	
LYC-170	KBLYT3	11/5/02				6.20	104.0		31.6	38.00	30.60	2.31	8.02	1766.1	24		Stream Team	
LYC-170	KBLYT3	1/17/03				5.40	22.4		26.8	5.21	3.42	3.71	5.39	676.0	28		Stream Team	
LYC-170	KBLYT3	2/26/03				3.00	0.0	140.2	364.8	43.50	2.91	3.55	36.70	792.3	18		Stream Team	
LYC-170	KBLYT3	3/18/03				3.20	0.0	60.6	238.4	23.60	5.39	3.19	25.90	599.9	20		Stream Team	
LYC-170	KBLYT3	4/24/03				3.20	0.0		226.2	16.30	3.03	3.74	27.80	671.4	26		Stream Team	
LYC-170	KBLYT3	5/29/03				3.50	0.0		229.6	6.84	0.46	3.93	21.60	798.6	12		Stream Team	
LYC-170	KBLYT3	6/24/03				4.50	10.4		107.8	6.29	2.96	4.38	3.64	680.1	18		Stream Team	
LYC-170	KBLYT3	7/31/03				3.70	0.0		191.6	4.62	1.06	3.54	21.60	705.6	16		Stream Team	
LYC-170	KBLYT3	8/28/03				6.20	62.8		4.4	12.10	5.72	4.21	2.36	692.2	24		Stream Team	
LYC-170	KBLYT3	9/30/03				4.80	9.6		70.8	14.10	12.40	5.00	5.09	750.7	16		Stream Team	
LYC-170	KBLYT3	10/30/03				4.50	10.4		98.8	10.70	7.91	4.81	13.10	866.8	16		Stream Team	
LYC-170	KBLYT3	11/30/03				5.10	10.6		40.0	6.01	4.77	4.15	5.36	632.7	20		Stream Team	
LYC-171	KBLTER1	4/19/02				5.80	5.6		24.4	3.98	4.02	1.46	0.26	54.9	606		Stream Team	
LYC-171	KBLTER1	7/21/02	75	475		3.00	0.0	110.0	226.0	36.50	23.42	20.80	1.81	258.0	22		Stream Team	
LYC-171	KBLTER1	10/25/02				3.80	0.0	10.8	143.6	37.60	32.61	11.20	1.12	254.2	24		Stream Team	
LYC-171	KBLTER1	1/31/03	52	346		4.50	0.4		97.0	22.70	16.78	0.76	7.55	157.3	2		Stream Team	
LYC-171	KBLTER1	4/25/03				4.70	7.2		65.6	15.00	10.23	0.58	4.58	116.7	8		Stream Team	
LYC-171	KBLTER1	8/3/03				6.40	15.8		33.4	5.95	3.56	0.37	2.08	78.5	26		Stream Team	
LYC-171	KBLTER1	10/24/03				5.10	8.0		63.8	14.70	13.45	0.45	3.79	107.7	26		Stream Team	
TR-002	TR-1	6/27/03	132	337		7.01	13.9	3.2		1.38		0.35	-0.10	149.5	2	286	BCWA Assessment-IUP	
TR-002	TR-1	7/30/03	796	252		6.44	9.3	2.9		1.39		0.37	0.38	109.7	8	194	BCWA Assessment-IUP	
TR-002	TR-1	8/19/03	834	265		6.48	11.6	2.8		1.57		0.49	-0.10	111.3	12	196	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-002	TR-1	9/27/03	458	252		6.28	8.8	4.4		1.61		0.53	0.15	111.0	10	188	BCWA Assessment-IUP	
TR-002	TR-1	10/25/03	108	264		6.17	8.0	5.1		0.04		0.46	0.45	115.0	-2	178	BCWA Assessment-IUP	
TR-002	TR-1	12/31/03	735	209		6.43	5.5	5.3		1.06		0.36	0.95	87.7	-2	116	BCWA Assessment-IUP	
TR-002	TR-1	1/31/04	735	319		6.47	7.0	8.4		3.15		0.56	0.55	143.6	10	250	BCWA Assessment-IUP	
TR-002	TR-1	2/29/04	848	231		5.93	5.5	6.9		1.44		0.39	0.13	88.6	2	138	BCWA Assessment-IUP	
TR-002	TR-1	3/26/04	1091	231		6.00	3.4	6.0		1.13		0.38	1.40	94.0	6	148	BCWA Assessment-IUP	
TR-002	TR-1	4/16/04	1226	200		6.07	2.7	4.7		0.49		0.37	0.29	76.2	-2	152	BCWA Assessment-IUP	
TR-002	TR-1	5/13/04	633	276		6.11	4.7	3.3		1.71		0.54	-0.10	115.5	6	232	BCWA Assessment-IUP	
TR-005	TR-5	6/27/03	132	2516		2.54	0.0	924.7		112.53		3.21	69.67	1366.6	6	2908	BCWA Assessment-IUP	
TR-005	TR-5	7/30/03	155	2596		2.53	0.0	997.0		130.04		4.40	79.29	1489.6	18	3056	BCWA Assessment-IUP	
TR-005	TR-5	8/19/03	772	2368		2.55	0.0	802.5		103.85		3.92	69.07	1229.5	-2	2170	BCWA Assessment-IUP	
TR-005	TR-5	9/27/03	111	2560		2.54	0.0	981.5		137.12		4.16	83.95	1367.1	6	2736	BCWA Assessment-IUP	
TR-005	TR-5	10/25/03	192	2638		2.51	0.0	1022.5		131.41		3.56	82.80	1453.2	-2	2550	BCWA Assessment-IUP	
TR-005	TR-5	12/5/03	125	2364		2.75	0.0	821.7		108.50		3.33	63.46	1151.3	8	2032	BCWA Assessment-IUP	
TR-005	TR-5	12/31/03	175	2404		2.60	0.0	819.6		110.45		3.10	65.57	1290.5	-2	1812	BCWA Assessment-IUP	
TR-005	TR-5	1/31/04	192	2510		2.49	0.0	946.7		128.24		2.84	77.04	1166.4	78	2124	BCWA Assessment-IUP	
TR-005	TR-5	2/28/04	286	2528		2.48	0.0	912.0		109.73		3.06	62.97	1330.2	2	1998	BCWA Assessment-IUP	
TR-005	TR-5	3/26/04	381	2410		2.45	0.0	839.0		110.84		4.72	82.28	1109.3	-2	1896	BCWA Assessment-IUP	
TR-005	TR-5	4/16/04	467	2344		2.58	0.0	792.5		101.43		3.56	69.60	1150.2	-2	2532	BCWA Assessment-IUP	
TR-005	TR-5	5/13/04	406	2410		2.49	0.0	898.3		108.29		3.55	69.26	1250.5	14	2830	BCWA Assessment-IUP	
TR-014	MP-51	2/27/90	32	551	3.40	3.08	0.0	77.8		0.88		0.68		117.1			M.B. Energy, Inc.	32910102
TR-014	MP-51	3/22/90	35	564	3.40	3.07	0.0	80.2		0.86		0.75		131.8			M.B. Energy, Inc.	32910102
TR-014	MP-51	6/26/90	7	562	3.50	3.10	0.0	82.4		1.43		0.86	4.23	155.6			M.B. Energy, Inc.	32910102
TR-014	MP-51	7/10/90	10	566	3.60	3.09	0.0	101.2		2.10		0.86	5.29	140.6			M.B. Energy, Inc.	32910102
TR-014	MP-51	7/24/90	26	574	3.30	3.07	0.0	87.3		1.30		0.89	6.18	126.5			M.B. Energy, Inc.	32910102
TR-014	MP-51	8/7/90	11	563	3.30	3.13	0.0	86.0		1.24		0.84	5.30	143.2			M.B. Energy, Inc.	32910102
TR-014	MP-51	8/25/90	11	556	3.30	3.12	0.0	88.4		1.34		0.96	5.59	147.7			M.B. Energy, Inc.	32910102
TR-014	MP-51	9/14/90	5	612	3.30	3.07	0.0	98.5		1.95		1.07	6.36	164.4			M.B. Energy, Inc.	32910102
TR-014	MP-51	9/28/90	7	637	3.40	3.06	0.0	105.5		1.10		1.11	6.41	185.1			M.B. Energy, Inc.	32910102
TR-014	MP-51	10/10/90	13	652	3.30	3.04	0.0	104.7		1.46		1.17	7.17	184.2			M.B. Energy, Inc.	32910102
TR-014	MP-51	10/23/90	19	613	3.30	3.05	0.0	101.5		1.08		0.88	6.36	167.8			M.B. Energy, Inc.	32910102
TR-014	MP-51	11/5/90	11	596	3.40	3.08	0.0	90.6		0.78		0.55	2.80	163.5			M.B. Energy, Inc.	32910102
TR-014	MP-51	11/23/90	15	594	3.30	3.07	0.0	90.7		1.04		0.84	5.87	172.1			M.B. Energy, Inc.	32910102
TR-014	MP-51	12/7/90	21	558	3.00	3.01	0.0	89.2		0.84		0.84	5.48	154.9			M.B. Energy, Inc.	32910102
TR-014	MP-51	12/19/90	58	561	3.00	3.08	0.0	92.0		1.15		0.82	4.89	141.4			M.B. Energy, Inc.	32910102
TR-014	MP-51	1/4/91	54	575	3.10	3.05	0.0	93.6		1.15		0.82	4.87	139.4			M.B. Energy, Inc.	32910102
TR-014	MP-51	1/24/91	24	476	3.30	3.06	0.0	75.9		0.82		0.69	3.60	118.7			M.B. Energy, Inc.	32910102
TR-014	MP-51	2/6/91	26	509	3.30	3.11	0.0	91.7		0.67		0.60	3.68	118.1			M.B. Energy, Inc.	32910102
TR-014	MP-51	2/18/91	26	506	3.30	3.13	0.0	74.4		0.62		0.62	4.07	116.8			M.B. Energy, Inc.	32910102
TR-014	MP-51	3/15/91	24	487	3.40	3.16	0.0	73.1		0.63		0.64	3.89	115.2			M.B. Energy, Inc.	32910102
TR-014	MP-51	4/19/91	26	483	3.30	3.16	0.0	71.2		0.65		0.63	3.95	116.7			M.B. Energy, Inc.	32910102
TR-014	MP-51	4/24/91	67	487	3.30	3.15	0.0	69.2		0.60		0.69	4.20	125.5			M.B. Energy, Inc.	32910102
TR-014	MP-51	5/16/91	32	475	3.20	3.16	0.0	75.0		0.77		0.67	4.09	122.3			M.B. Energy, Inc.	32910102
TR-014	MP-51	5/28/91	1	486	3.30	3.21	0.0	76.7		0.98		0.71	4.05	131.9			M.B. Energy, Inc.	32910102
TR-014	MP-51	6/14/91	3	500	3.30	3.16	0.0	72.9		1.77		0.78	4.08	143.1			M.B. Energy, Inc.	32910102
TR-014	MP-51	6/25/91	2	508	3.40	3.20	0.0	14.8		2.55		0.83	4.33	145.5			M.B. Energy, Inc.	32910102
TR-014	MP-51	7/9/91	7	5134	3.40	3.21	0.0	197.3		3.35		0.78	4.22	160.6			M.B. Energy, Inc.	32910102
TR-014	MP-51	7/22/91	2	545	3.50	3.20	0.0	208.7		3.09		0.88	4.70	178.6			M.B. Energy, Inc.	32910102
TR-014	MP-51	8/5/91	1	562		3.19	0.0	88.9		2.58		1.07	5.42	182.9			M.B. Energy, Inc.	32910102



**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-014	MP-51	12/23/91	5	705	3.90	3.12	0.0	123.7		1.04		1.64	10.97	259.0			M.B. Energy, Inc.	32910102
TR-014	MP-51	2/21/92	46	753	3.20	2.99	0.0	148.2		2.33		1.18	11.30	216.5			M.B. Energy, Inc.	32910102
TR-014	MP-51	6/5/92	9	619	4.00	3.03	0.0	105.6		1.27		0.93	7.07	146.2			M.B. Energy, Inc.	32910102
TR-014	MP-51	7/17/92	2	684	3.20	3.14	0.0	116.5		7.85		1.49	6.90	190.4			M.B. Energy, Inc.	32910102
TR-014	MP-51	11/11/92	2	723	3.50	3.06	0.0	350.0		1.79		1.76	11.79	242.8			M.B. Energy, Inc.	32910102
TR-014	MP-51	3/2/93	21	1201	3.60	3.02	0.0	134.6		1.76		2.43	10.43	529.5			M.B. Energy, Inc.	32910102
TR-014	MP-51	3/23/93	8	1074	3.70	3.04	0.0	110.6		1.26		1.68	7.24	432.9			M.B. Energy, Inc.	32910102
TR-014	MP-51	5/19/93	19	508	3.20	3.10	0.0	78.2		0.92		0.68	4.47	120.9			M.B. Energy, Inc.	32910102
TR-014	MP-51	7/7/93	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	11/5/93	8	683	3.90	3.15	0.0	116.2		2.30		1.67	9.07	237.7			M.B. Energy, Inc.	32910102
TR-014	MP-51	2/4/94	21	623	3.60	3.11	0.0	95.3		1.24		0.77	5.03	149.4			M.B. Energy, Inc.	32910102
TR-014	MP-51	4/12/94	66	389	4.10	3.14	0.0	57.7		0.55		0.52	2.48	91.2			M.B. Energy, Inc.	32910102
TR-014	MP-51	8/24/94	21	539	3.30	3.20	0.0	92.9		0.73		1.25	6.12	133.7			M.B. Energy, Inc.	32910102
TR-014	MP-51	10/11/94	3	567	3.70	3.10	0.0	91.1		0.89		1.31	6.18	154.9			M.B. Energy, Inc.	32910102
TR-014	MP-51	2/13/95	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	4/18/95	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	7/17/95	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	12/29/95	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	3/7/96	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	5/13/96	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	7/1/96	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	8/5/96	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	9/27/96	0														M.B. Energy, Inc.	32930106
TR-014	MP-51	10/2/96	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	2/28/97	17	553	6.00	6.27	140.8	9.7		0.08		3.66	0.14	138.3			M.B. Energy, Inc.	32910102
TR-014	MP-51	3/27/97	0														M.B. Energy, Inc.	32930106
TR-014	MP-51	6/7/97	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	9/2/97	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	9/8/97	0														M.B. Energy, Inc.	32930106
TR-014	MP-51	10/14/97	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	1/16/98	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	4/7/98	0														M.B. Energy, Inc.	32910102
TR-014	MP-51	5/27/99	0														M.B. Energy, Inc.	32930106
TR-014	MP-51	4/12/00	0														M.B. Energy, Inc.	32930106
TR-015	MP-52	2/27/90	18	616	3.50	3.11	0.0	85.4		1.20		1.00		148.5			M.B. Energy, Inc.	32910102
TR-015	MP-52	3/22/90	68	616	3.40	3.06	0.0	83.9		1.05		1.02		153.4			M.B. Energy, Inc.	32910102
TR-015	MP-52	6/26/90	3	74	6.20	6.61	8.8	9.7		0.35		0.05	0.10	15.2			M.B. Energy, Inc.	32910102
TR-015	MP-52	7/10/90	5	73	6.30	6.32	8.6	9.8		0.47		0.05	0.10	14.3			M.B. Energy, Inc.	32910102
TR-015	MP-52	7/24/90	21	469	3.40	3.20	0.0	67.2		1.09		0.70	3.81	117.4			M.B. Energy, Inc.	32910102
TR-015	MP-52	8/7/90	2	111	5.00	4.89	1.4	11.5		1.51		0.17	0.86	39.1			M.B. Energy, Inc.	32910102
TR-015	MP-52	8/25/90	3	284	3.90	3.64	0.0	34.9		2.62		0.56	2.02	89.1			M.B. Energy, Inc.	32910102
TR-015	MP-52	9/14/90	5	104	5.50	5.31	3.2	3.0		0.85		0.23	0.29	34.4			M.B. Energy, Inc.	32910102
TR-015	MP-52	9/28/90	3	181	4.40	4.15	0.0	24.3		0.84		0.34	1.03	59.7			M.B. Energy, Inc.	32910102
TR-015	MP-52	10/10/90	5	231	4.10	3.86	0.0	28.8		2.01		0.45	1.54	75.4			M.B. Energy, Inc.	32910102
TR-015	MP-52	10/23/90	19	451	3.50	3.25	0.0	68.3		1.76		0.75	4.38	125.2			M.B. Energy, Inc.	32910102
TR-015	MP-52	11/5/90	10	333	3.70	3.47	0.0	45.9		0.91		0.82	5.92	101.2			M.B. Energy, Inc.	32910102
TR-015	MP-52	11/23/90	12	262	3.80	3.62	0.0	33.7		0.78		0.38	1.98	76.4			M.B. Energy, Inc.	32910102
TR-015	MP-52	12/7/90	46	524	3.10	3.07	0.0	79.7		1.19		0.79	4.95	135.0			M.B. Energy, Inc.	32910102
TR-015	MP-52	12/19/90	54	571	3.00	3.05	0.0	92.9		1.91		0.82	4.37	143.7			M.B. Energy, Inc.	32910102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-015	MP-52	1/4/91	50	561	3.10	3.07	0.0	89.4		1.89		0.82	4.34	129.9			M.B. Energy, Inc.	32910102
TR-015	MP-52	1/24/91	29	420	3.40	3.19	0.0	59.8		0.99		0.62	2.88	105.2			M.B. Energy, Inc.	32910102
TR-015	MP-52	2/6/91	32	462	3.30	3.18	0.0	84.0		0.77		0.60	3.19	107.1			M.B. Energy, Inc.	32910102
TR-015	MP-52	2/18/91	42	453	3.30	3.21	0.0	66.1		0.75		0.64	3.72	100.6			M.B. Energy, Inc.	32910102
TR-015	MP-52	3/15/91	42	395	3.40	3.31	0.0	56.4		0.61		0.60	2.93	104.3			M.B. Energy, Inc.	32910102
TR-015	MP-52	4/10/91	15	297	3.60	3.51	0.0	39.1		0.42		0.46	2.29	72.4			M.B. Energy, Inc.	32910102
TR-015	MP-52	4/24/91	139	470	3.30	3.19	0.0	64.7		1.16		0.69	3.96	120.5			M.B. Energy, Inc.	32910102
TR-015	MP-52	5/16/91	10	335	3.50	3.39	0.0	49.8		0.55		0.57	2.76	95.9			M.B. Energy, Inc.	32910102
TR-015	MP-52	5/28/91	2	181	4.20	4.14	0.0	24.9		0.43		0.27	1.17	58.8			M.B. Energy, Inc.	32910102
TR-015	MP-52	6/14/91	1	151	4.70	4.59	<1.0	16.0		0.99		0.26	0.99	54.4			M.B. Energy, Inc.	32910102
TR-015	MP-52	6/25/91	1	107	6.20	6.16	4.4	4.2		0.64		0.16	0.39	35.4			M.B. Energy, Inc.	32910102
TR-015	MP-52	7/9/91	1	90	6.90	6.94	16.2	5.7		1.48		0.32	0.96	15.3			M.B. Energy, Inc.	32910102
TR-015	MP-52	7/22/91	0														M.B. Energy, Inc.	32910102
TR-015	MP-52	8/5/91	0														M.B. Energy, Inc.	32910102
TR-015	MP-52	12/23/91	2	83	6.30	6.30	5.4	5.2		0.07		0.06	0.10	19.8			M.B. Energy, Inc.	32910102
TR-015	MP-52	2/21/92	82	754	3.20	2.97	0.0	151.4		4.14		1.07	10.01	201.1			M.B. Energy, Inc.	32910102
TR-015	MP-52	6/5/92	2	91	4.00	6.11	6.3	6.6		0.12		0.06	0.30	17.8			M.B. Energy, Inc.	32910102
TR-015	MP-52	7/17/92	1	174	4.30	3.98	0.0	19.8		5.21		1.08	0.54	36.0			M.B. Energy, Inc.	32910102
TR-015	MP-52	11/11/92		125	4.00	5.95	13.1	27.6		0.71		0.65	0.85	25.7			M.B. Energy, Inc.	32910102
TR-015	MP-52	1/21/93	15	402	4.00	3.34	0.0	73.1		1.09		0.64	3.98	90.1			M.B. Energy, Inc.	32910102
TR-015	MP-52	3/2/93	0														M.B. Energy, Inc.	32930106
TR-015	MP-52	3/23/93	0														M.B. Energy, Inc.	32930106
TR-015	MP-52	5/19/93	6	162	3.20	4.08	0.0	17.2		0.36		0.23	1.11	47.3			M.B. Energy, Inc.	32910102
TR-015	MP-52	7/7/93	0														M.B. Energy, Inc.	32910102
TR-015	MP-52	11/5/93	5	76	4.60	6.12	8.0	5.7		0.07		0.04	0.10	16.0			M.B. Energy, Inc.	32910102
TR-015	MP-52	2/4/94	29	531	3.60	3.18	0.0	82.3		1.77		0.84	4.70	129.4			M.B. Energy, Inc.	32910102
TR-015	MP-52	4/12/94	158	407	4.10	3.29	0.0	62.5		1.02		0.70	3.33	105.0			M.B. Energy, Inc.	32910102
TR-015	MP-52	4/20/94	45	335	4.00	3.60	0.0	48.3		0.57		0.51	2.47	89.1			M.B. Energy, Inc.	32930106
TR-015	MP-52	5/12/94	23	361	3.70	3.40	0.0	86.7		0.50		0.57	2.87	93.0			M.B. Energy, Inc.	32930106
TR-015	MP-52	5/24/94	1	219	4.30	3.78	0.0	41.9		0.34		0.36	1.59	55.2			M.B. Energy, Inc.	32930106
TR-015	MP-52	6/9/94	3	198	4.40	4.03	0.0	26.0		0.36		0.37	1.59	60.1			M.B. Energy, Inc.	32930106
TR-015	MP-52	6/21/94	1	220	4.00	3.98	0.0	26.7		0.64		0.43	1.51	67.3			M.B. Energy, Inc.	32930106
TR-015	MP-52	7/8/94	2	136	4.70	4.82	<1.0	8.4		0.68		0.25	0.73	49.9			M.B. Energy, Inc.	32930106
TR-015	MP-52	7/21/94	1	232	4.60	3.77	0.0	22.8		1.59		0.39	0.96	75.5			M.B. Energy, Inc.	32930106
TR-015	MP-52	8/2/94	1	230	3.70	3.92	0.0	22.1		4.42		0.54	1.64	72.1			M.B. Energy, Inc.	32930106
TR-015	MP-52	8/24/94	8	367	3.30	3.43	0.0	60.5		0.80		0.82	3.80	100.2			M.B. Energy, Inc.	32930106
TR-015	MP-52	9/2/94	1	602	3.50	3.09	0.0	98.5		1.36		1.35	5.86	170.7			M.B. Energy, Inc.	32930106
TR-015	MP-52	9/29/94		451	4.40	3.34	0.0	58.3		0.90		1.00	4.02	147.8			M.B. Energy, Inc.	32910102
TR-015	MP-52	10/11/94	1	375	4.50	3.70	0.0	47.6		1.55		1.12	4.17	128.4			M.B. Energy, Inc.	32930106
TR-015	MP-52	11/22/94	2	557	3.40	3.54	0.0	69.5		5.07		3.09	4.16	189.6			M.B. Energy, Inc.	32930106
TR-015	MP-52	12/13/94	17	455	4.40	3.77	0.0	39.3		4.86		2.65	2.35	94.6			M.B. Energy, Inc.	32930106
TR-015	MP-52	1/6/95	0														M.B. Energy, Inc.	32930106
TR-015	MP-52	2/13/95	0														M.B. Energy, Inc.	32910102
TR-015	MP-52	3/7/95	1	367	4.60	3.99	0.0	15.5		0.29		1.27	0.87	52.1			M.B. Energy, Inc.	32930106
TR-015	MP-52	4/18/95	0														M.B. Energy, Inc.	32910102
TR-015	MP-52	5/19/95	0														M.B. Energy, Inc.	32930106
TR-015	MP-52	6/20/95	0														M.B. Energy, Inc.	32930106
TR-015	MP-52	7/10/95	8	731	5.20	6.80	55.5	6.9		0.17		3.48	0.27	300.2			M.B. Energy, Inc.	32910102
TR-015	MP-52	8/14/95	0														M.B. Energy, Inc.	32930106

**Blacklick Creek Watershed Assessment / Restoration Plan**

**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-015	MP-52	9/26/95	0														M.B. Energy, Inc.	32930106
TR-015	MP-52	10/21/95	0														M.B. Energy, Inc.	32930106
TR-015	MP-52	11/6/95	0														M.B. Energy, Inc.	32930106
TR-015	MP-52	12/8/95	5	803	6.90	7.92	105.6	1.6		0.32		4.82	<0.10	296.8			M.B. Energy, Inc.	32930106
TR-015	MP-52	12/29/95	2	778	4.50	8.05	106.8	5.7		0.09		4.74	<0.10	275.3			M.B. Energy, Inc.	32910102
TR-015	MP-52	1/9/96	8	700	4.50	7.17	97.5	7.7		<0.04		4.50	<0.10	244.8			M.B. Energy, Inc.	32930106
TR-015	MP-52	2/17/96	17	941	6.00	6.71	71.5	15.2		0.09		8.06	<0.10	433.0			M.B. Energy, Inc.	32930106
TR-015	MP-52	3/7/96	17	761	6.00	6.57	68.9	8.1		0.14		6.94	0.14	313.8			M.B. Energy, Inc.	32910102
TR-015	MP-52	3/31/96	29	862	6.00	6.86	97.6	12.9		0.04		7.30	<0.10	333.5			M.B. Energy, Inc.	32930106
TR-015	MP-52	4/24/96	5	854	6.50	6.75	94.6	10.8		0.05		7.42	<0.10	320.0			M.B. Energy, Inc.	32930106
TR-015	MP-52	5/13/96	12	769	6.50	6.68	99.3	10.8		<0.04		5.84	<0.10	291.2			M.B. Energy, Inc.	32910102
TR-015	MP-52	6/6/96	5	791	6.50	7.21	113.3	8.1		<0.04		6.64	<0.10	266.3			M.B. Energy, Inc.	32930106
TR-015	MP-52	7/1/96	8	640	6.50	7.35	88.7	6.3		0.05		4.72	<0.10	236.9			M.B. Energy, Inc.	32910102
TR-015	MP-52	8/5/96	8	770	7.00	7.44	125.0	7.5		<0.04		5.80	<0.10	262.9			M.B. Energy, Inc.	32910102
TR-015	MP-52	9/12/96	13	722	7.00	7.57	116.7	6.9		0.34		5.21	0.43	256.1			M.B. Energy, Inc.	32930106
TR-015	MP-52	10/2/96	8	671	7.00	7.27	118.4	9.6		0.10		0.86	<0.10	205.2			M.B. Energy, Inc.	32910102
TR-015	MP-52	2/28/97	0														M.B. Energy, Inc.	32910102
TR-015	MP-52	4/22/97	8	680	7.00	7.15	181.2	4.7		<0.04		3.63	<0.10	184.9			M.B. Energy, Inc.	32930106
TR-015	MP-52	5/9/97	17	648	6.50	7.13	162.4	7.6		0.06		4.72	0.11	163.7			M.B. Energy, Inc.	32930106
TR-015	MP-52	6/6/97	17	531	7.00	6.97	120.6	4.7		0.05		3.28	0.14	132.3			M.B. Energy, Inc.	32930106
TR-015	MP-52	6/7/97	17	648	6.50	7.13	162.4	7.6		0.06		4.72	0.11	163.7			M.B. Energy, Inc.	32910102
TR-015	MP-52	7/17/97	5	725	7.00	7.82	153.3	11.9		0.23		6.47	0.74	172.9			M.B. Energy, Inc.	32930106
TR-015	MP-52	8/11/97	3	776	7.50	7.16	167.5	6.3		0.20		7.02	0.37	219.6			M.B. Energy, Inc.	32930106
TR-015	MP-52	9/2/97	3	752	7.00	7.98	155.0	3.5		1.26		6.42	0.49	202.1			M.B. Energy, Inc.	32910102
TR-015	MP-52	10/15/97	1	820	7.00	7.81	187.3	7.7		<0.04		5.87	<0.10	487.1			M.B. Energy, Inc.	32910102
TR-015	MP-52	11/24/97	8	717	7.00	7.39	158.7	5.6		0.24		6.23	0.18	194.3			M.B. Energy, Inc.	32930106
TR-015	MP-52	12/9/97	5	678	6.50	7.47	158.6	1.8		<0.04		6.02	<0.10	172.9			M.B. Energy, Inc.	32930106
TR-015	MP-52	1/16/98	17	551	7.50	7.66	117.2	2.7		<0.04		0.16	0.19	138.4			M.B. Energy, Inc.	32910102
TR-015	MP-52	2/10/98	8	642	6.50	7.60	147.8	10.9		0.29		6.26	<0.10	156.6			M.B. Energy, Inc.	32930106
TR-015	MP-52	4/7/98	3	676	6.50	7.76	169.9	1.7		<0.04		5.24	<0.10	169.5			M.B. Energy, Inc.	32910102
TR-015	MP-52	7/8/98	7	0		6.80	130.0			<0.3		3.16	<0.10	101.1			M.B. Energy, Inc.	32910102
TR-015	MP-52	7/10/98	5	652	7.00	7.87	168.2	4.0		<0.04		4.68	<0.10	156.6			M.B. Energy, Inc.	32930106
TR-015	MP-52	10/21/98	1	802	7.00	7.75	187.3	6.4		0.07		1.90	<0.10	224.7			M.B. Energy, Inc.	32930106
TR-015	MP-52	2/10/99	4	592	6.50	7.66	119.8	2.1		<0.04		3.81	<0.10	178.0			M.B. Energy, Inc.	32930106
TR-015	MP-52	4/8/99	6	596	6.50	7.73	139.1	1.4		<0.04		2.54	<0.10	143.0			M.B. Energy, Inc.	32930106
TR-015	MP-52	7/19/99	2	673	7.00	7.46	170.9	5.2		0.12		2.89	<0.10	172.5			M.B. Energy, Inc.	32930106
TR-015	MP-52	10/12/99	2	648	7.00	7.61	145.9	5.7		0.06		2.71	<0.10	197.9			M.B. Energy, Inc.	32930106
TR-015	MP-52	1/12/00	0														M.B. Energy, Inc.	32930106
TR-016	MP-33	2/27/90	26	450	4.20	3.98	0.0	30.8		0.13		1.60		176.9			M.B. Energy, Inc.	32910102
TR-016	MP-33	3/22/90	33	449	4.20	3.97	0.0	27.3		1.13		1.73		197.5			M.B. Energy, Inc.	32910102
TR-016	MP-33	6/26/90	8	497	3.80	3.92	0.0	33.6		0.73		1.68	1.98	216.6			M.B. Energy, Inc.	32910102
TR-016	MP-33	7/10/90	10	505	3.60	3.85	0.0	49.6		0.53		1.63	2.92	205.0			M.B. Energy, Inc.	32910102
TR-016	MP-33	7/24/90	12	466	4.00	3.88	0.0	30.6		0.83		1.70	2.65	183.6			M.B. Energy, Inc.	32910102
TR-016	MP-33	8/7/90	9	493	4.40	4.28	0.0	31.4		0.91		1.69	2.51	218.0			M.B. Energy, Inc.	32910102
TR-016	MP-33	8/25/90	10	503	4.20	3.90	0.0	34.9		1.18		1.73	3.21	231.5			M.B. Energy, Inc.	32910102
TR-016	MP-33	9/14/90	8	525	4.00	3.84	0.0	38.6		0.75		1.84	2.79	236.8			M.B. Energy, Inc.	32910102
TR-016	MP-33	9/28/90	6	519	4.00	3.86	0.0	32.9		0.81		1.77	2.68	231.6			M.B. Energy, Inc.	32910102
TR-016	MP-33	10/10/90	26	514	3.20	2.90	0.0	161.5		1.11		1.88	2.96	223.9			M.B. Energy, Inc.	32910102
TR-016	MP-33	10/23/90	26	400	4.10	3.88	0.0	36.8		1.65		1.54	3.27	164.7			M.B. Energy, Inc.	32910102

**Blacklick Creek Watershed Assessment / Restoration Plan**

**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-016	MP-33	11/5/90	13	480	4.00	3.85	0.0	37.3		0.36		1.72	2.98	206.0			M.B. Energy, Inc.	32910102
TR-016	MP-33	11/23/90	10	420	4.00	3.81	0.0	39.8		1.01		1.68	3.62	180.2			M.B. Energy, Inc.	32910102
TR-016	MP-33	12/7/90	7	424	3.50	3.73	0.0	33.2		0.88		1.65	3.24	199.6			M.B. Energy, Inc.	32910102
TR-016	MP-33	12/19/90	17	413	3.80	3.93	0.0	32.0		1.19		1.56	2.80	183.4			M.B. Energy, Inc.	32910102
TR-016	MP-33	1/4/91	15	411	3.80	3.92	0.0	34.1		1.04		1.55	2.80	182.1			M.B. Energy, Inc.	32910102
TR-016	MP-33	1/24/91	15	408	4.20	4.01	0.0	29.5		0.37		1.55	2.32	190.5			M.B. Energy, Inc.	32910102
TR-016	MP-33	2/6/91	13	417	4.20	4.09	0.0	53.8		0.95		1.57	2.61	185.3			M.B. Energy, Inc.	32910102
TR-016	MP-33	2/18/91	21	422	4.00	3.98	0.0	31.9		0.93		1.48	2.73	177.6			M.B. Energy, Inc.	32910102
TR-016	MP-33	3/15/91	28	424	4.50	4.01	0.0	29.8		0.85		1.57	2.62	201.5			M.B. Energy, Inc.	32910102
TR-016	MP-33	4/10/91	17	434	4.10	4.01	0.0	30.5		1.06		1.57	2.72	189.5			M.B. Energy, Inc.	32910102
TR-016	MP-33	4/24/91	42	323	4.00	3.81	0.0	31.6		0.92		1.08	2.89	123.3			M.B. Energy, Inc.	32910102
TR-016	MP-33	5/16/91	9	460	4.00	3.78	0.0	36.2		1.55		1.75	2.77	196.6			M.B. Energy, Inc.	32910102
TR-016	MP-33	5/28/91	8	504	3.80	3.82	0.0	42.9		1.77		1.75	3.05	224.6			M.B. Energy, Inc.	32910102
TR-016	MP-33	6/14/91	2	548	3.80	3.67	0.0	38.8		3.66		2.01	3.52	246.2			M.B. Energy, Inc.	32910102
TR-016	MP-33	6/25/91	11	567	3.90	3.68	0.0	42.4		4.13		2.03	3.25	266.7			M.B. Energy, Inc.	32910102
TR-016	MP-33	7/9/91	6	560	3.90	3.68	0.0	107.5		4.61		1.88	2.87	254.2			M.B. Energy, Inc.	32910102
TR-016	MP-33	7/22/91	6	565	4.00	3.70	0.0	110.1		6.72		1.95	2.91	271.0			M.B. Energy, Inc.	32910102
TR-016	MP-33	8/5/91	5	567		3.77	0.0	41.5		4.70		2.05	2.91	242.2			M.B. Energy, Inc.	32910102
TR-016	MP-33	12/23/91	17	464	3.70	3.94	0.0	37.4		1.12		2.00	2.62	215.3			M.B. Energy, Inc.	32910102
TR-016	MP-33	2/21/92	17	431	4.30	3.97	0.0	35.0		1.13		1.81	3.11	186.7			M.B. Energy, Inc.	32910102
TR-016	MP-33	6/5/92	17	472	4.00	3.90	0.0	34.7		0.95		1.70	3.22	221.9			M.B. Energy, Inc.	32910102
TR-016	MP-33	7/17/92	7	535	4.10	3.85	0.0	34.2		1.35		1.94	3.35	236.5			M.B. Energy, Inc.	32910102
TR-016	MP-33	11/11/92	9	532	3.50	3.91	0.0	117.2		0.85		2.02	3.77	240.1			M.B. Energy, Inc.	32910102
TR-016	MP-33	1/21/93	17	447	4.00	3.95	0.0	45.2		0.64		1.80	3.42	192.7			M.B. Energy, Inc.	32910102
TR-016	MP-33	5/19/93	9	457	3.40	3.95	0.0	31.8		0.48		1.65	2.90	193.9			M.B. Energy, Inc.	32910102
TR-016	MP-33	7/7/93	0														M.B. Energy, Inc.	32910102
TR-016	MP-33	11/5/93	2	500	4.40	3.89	0.0	35.2		0.57		2.03	2.90	230.1			M.B. Energy, Inc.	32910102
TR-016	MP-33	2/4/94	19	439	4.50	4.14	0.0	35.2		0.62		1.69	2.96	159.8			M.B. Energy, Inc.	32910102
TR-016	MP-33	4/12/94	17	356	4.80	3.86	0.0	30.0		0.87		1.36	2.63	140.2			M.B. Energy, Inc.	32910102
TR-016	MP-33	4/20/94	7	412	4.00	3.89	0.0	31.3		0.53		1.46	2.55	177.3			M.B. Energy, Inc.	32930106
TR-016	MP-33	5/12/94	8	439	3.80	3.98	0.0	54.0		0.61		1.50	2.70	169.9			M.B. Energy, Inc.	32930106
TR-016	MP-33	5/24/94	6	495	4.20	3.85	0.0	48.2		0.37		1.61	2.65	207.4			M.B. Energy, Inc.	32930106
TR-016	MP-33	6/9/94	8	503	4.20	4.03	0.0	36.5		0.48		1.71	2.82	209.5			M.B. Energy, Inc.	32930106
TR-016	MP-33	6/21/94	6	521	4.10	3.99	0.0	37.1		0.57		1.73	2.62	223.0			M.B. Energy, Inc.	32930106
TR-016	MP-33	7/8/94	6	556	4.10	3.82	0.0	29.6		0.39		1.73	2.59	251.5			M.B. Energy, Inc.	32930106
TR-016	MP-33	7/21/94	6	561	4.10	3.85	0.0	34.9		0.39		1.73	2.59	252.6			M.B. Energy, Inc.	32930106
TR-016	MP-33	8/2/94	3	568	4.00	3.82	0.0	30.9		0.46		1.76	2.75	248.3			M.B. Energy, Inc.	32930106
TR-016	MP-33	8/24/94	6	489	3.80	4.02	0.0	38.0		0.48		1.68	2.74	208.8			M.B. Energy, Inc.	32910102
TR-016	MP-33	9/2/94	8	503	4.00	3.82	0.0	40.0		0.21		1.65	2.40	200.3			M.B. Energy, Inc.	32930106
TR-016	MP-33	9/29/94	3	555	4.70	3.78	0.0	34.5		0.53		1.68	2.64	235.0			M.B. Energy, Inc.	32930106
TR-016	MP-33	10/11/94	1	562	4.20	3.94	0.0	38.4		0.41		1.85	2.82	230.8			M.B. Energy, Inc.	32910102
TR-016	MP-33	11/22/94	8	565	3.80	3.99	0.0	36.9		0.37		2.01	2.81	245.4			M.B. Energy, Inc.	32930106
TR-016	MP-33	12/13/94	17	465	4.60	3.98	0.0	31.2		0.64		1.95	3.11	193.0			M.B. Energy, Inc.	32930106
TR-016	MP-33	1/6/95	3	500	5.00	3.92	0.0	33.1		0.28		1.96	2.57	216.7			M.B. Energy, Inc.	32930106
TR-016	MP-33	2/13/95	2	548	4.70	4.15	0.0	39.6		0.23		1.70	2.79	216.7			M.B. Energy, Inc.	32910102
TR-016	MP-33	3/7/95	12	461	5.30	4.03	0.0	28.3		0.39		2.14	3.16	165.5			M.B. Energy, Inc.	32930106
TR-016	MP-33	4/18/95	12	570	5.10	4.06	0.0	48.7		0.29		2.28	4.48	231.2			M.B. Energy, Inc.	32910102
TR-016	MP-33	5/19/95	13	591	5.00	3.96	0.0	51.5		0.30		2.49	5.67	277.8			M.B. Energy, Inc.	32930106
TR-016	MP-33	6/20/95	8	622	5.00	3.78	0.0	48.9		0.21		2.07	3.90	292.3			M.B. Energy, Inc.	32930106

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-016	MP-33	7/10/95	6	652	4.60	3.95	0.0	36.8		0.15		2.33	3.79	299.1			M.B. Energy, Inc.	32910102
TR-016	MP-33	8/14/95	3	670	3.50	4.35	0.0	35.9		0.30		2.32	3.09	295.5			M.B. Energy, Inc.	32930106
TR-016	MP-33	9/26/95	3	680	4.00	3.85	0.0	45.3		0.40		2.39	3.24	334.7			M.B. Energy, Inc.	32930106
TR-016	MP-33	10/21/95	5	652	4.00	3.92	0.0	40.9		0.41		2.40	2.79	314.9			M.B. Energy, Inc.	32930106
TR-016	MP-33	11/6/95	3	655	5.00	4.01	0.0	38.4		0.31		2.47	3.40	335.3			M.B. Energy, Inc.	32930106
TR-016	MP-33	12/8/95	5	495	3.80	4.03	0.0	23.7		0.61		2.40	2.29	243.9			M.B. Energy, Inc.	32930106
TR-016	MP-33	12/29/95	3	609	4.00	4.04	0.0	27.5		0.41		2.49	2.51	287.8			M.B. Energy, Inc.	32910102
TR-016	MP-33	1/9/96	5	558	4.50	4.13	0.0	29.7		0.46		2.59	2.59	265.0			M.B. Energy, Inc.	32930106
TR-016	MP-33	2/17/96	8	569	4.00	4.38	0.0	53.9		0.51		3.33	5.18	271.9			M.B. Energy, Inc.	32930106
TR-016	MP-33	3/7/96	17	474	4.00	4.01	0.0	40.9		1.40		3.35	4.68	205.4			M.B. Energy, Inc.	32910102
TR-016	MP-33	3/31/96	12	468	4.50	4.31	0.0	39.5		0.53		2.52	3.87	212.2			M.B. Energy, Inc.	32930106
TR-016	MP-33	4/24/96	8	481	4.50	4.14	0.0	36.7		0.33		2.50	3.27	219.0			M.B. Energy, Inc.	32930106
TR-016	MP-33	5/13/96	17	427	4.00	4.10	0.0	37.9		0.78		2.39	3.38	189.7			M.B. Energy, Inc.	32910102
TR-016	MP-33	6/6/96	12	488	4.50	4.09	0.0	32.9		0.51		2.56	3.05	216.5			M.B. Energy, Inc.	32930106
TR-016	MP-33	7/1/96	5	402	4.00	3.94	0.0	40.0		5.05		2.77	3.60	169.9			M.B. Energy, Inc.	32910102
TR-016	MP-33	8/5/96	8	533	4.50	3.95	0.0	34.4		0.43		2.81	3.22	237.1			M.B. Energy, Inc.	32910102
TR-016	MP-33	9/12/96	5	588	4.00	4.03	0.0	38.8		0.66		2.89	3.27	268.7			M.B. Energy, Inc.	32930106
TR-016	MP-33	9/27/96		0		3.90	0.0	40.0		0.80		2.79	2.70	209.5			M.B. Energy, Inc.	32930106
TR-016	MP-33	10/2/96	17	472	4.00	3.96	0.0	36.0		0.83		2.71	2.42	200.9			M.B. Energy, Inc.	32910102
TR-016	MP-33	2/28/97	17	419	7.00	4.05	0.0	39.3		0.45		2.44	2.64	181.8			M.B. Energy, Inc.	32910102
TR-016	MP-33	3/27/97		0		4.20	4.8	38.0		0.65		2.36	2.56	184.8			M.B. Energy, Inc.	32930106
TR-016	MP-33	4/22/97	17	491	4.00	4.40	0.0	56.0		0.21		2.32	2.60	228.0			M.B. Energy, Inc.	32930106
TR-016	MP-33	5/9/97	17	433	4.50	3.98	0.0	33.7		0.80		2.91	3.06	191.4			M.B. Energy, Inc.	32930106
TR-016	MP-33	6/6/97	23	424	4.50	4.00	0.0	31.7		0.51		2.77	3.03	179.5			M.B. Energy, Inc.	32910102
TR-016	MP-33	7/17/97	3	694	4.00	3.94	0.0	55.6		0.93		3.82	4.20	327.1			M.B. Energy, Inc.	32930106
TR-016	MP-33	8/11/97	3	784	4.50	3.82	0.0	55.5		0.59		4.10	4.05	386.7			M.B. Energy, Inc.	32930106
TR-016	MP-33	8/13/97	5	0		4.00	1.4	36.0		2.31		2.31	2.71	80.0			M.B. Energy, Inc.	32930106
TR-016	MP-33	9/2/97	3	756	4.00	3.91	0.0	32.8		1.08		3.36	3.47	352.8			M.B. Energy, Inc.	32910102
TR-016	MP-33	9/8/97	3	0		4.20	4.2	46.0		4.48		3.44	3.79	352.2			M.B. Energy, Inc.	32930106
TR-016	MP-33	10/15/97	5	803	4.50	4.03	0.0	50.9		1.99		3.82	3.43	412.7			M.B. Energy, Inc.	32910102
TR-016	MP-33	11/24/97	8	449	4.50	4.42	0.0	50.9		0.88		4.05	4.05	192.9			M.B. Energy, Inc.	32930106
TR-016	MP-33	12/9/97	8	428	5.00	3.93	0.0	36.8		0.63		3.83	3.35	181.8			M.B. Energy, Inc.	32930106
TR-016	MP-33	1/16/98	8	405	4.50	3.89	0.0	37.7		0.50		3.24	3.44	168.9			M.B. Energy, Inc.	32910102
TR-016	MP-33	2/10/98	12	421	5.00	3.72	0.0	43.9		0.83		2.99	3.18	174.7			M.B. Energy, Inc.	32930106
TR-016	MP-33	4/7/98	5	446	5.00	4.17	0.0	28.0		0.32		2.61	2.67	195.7			M.B. Energy, Inc.	32910102
TR-016	MP-33	7/8/98	10	0		4.10	3.2	32.0		0.83		2.25	2.32	162.4			M.B. Energy, Inc.	32910102
TR-016	MP-33	7/10/98	8	606	4.00	4.00	0.0	39.2		0.75		3.31	2.94	267.8			M.B. Energy, Inc.	32930106
TR-016	MP-33	10/21/98	2	799	4.00	3.67	0.0	57.3		0.71		3.81	4.06	393.5			M.B. Energy, Inc.	32930106
TR-016	MP-33	2/10/99	18	430	4.00	3.62	0.0	40.1		0.70		3.78	4.31	196.7			M.B. Energy, Inc.	32930106
TR-016	MP-33	4/8/99	21	437	4.00	3.72	0.0	33.3		0.60		3.29	3.63	172.8			M.B. Energy, Inc.	32930106
TR-016	MP-33	5/27/99	5	0		4.20	6.4	30.0		0.41		2.77	3.08	200.7			M.B. Energy, Inc.	32930106
TR-016	MP-33	7/19/99	5	700	4.00	4.11	0.0	46.0		0.37		4.07	4.00	319.6			M.B. Energy, Inc.	32930106
TR-016	MP-33	10/12/99	8	690	4.00	4.31	0.0	52.0		0.66		3.46	3.82	320.5			M.B. Energy, Inc.	32930106
TR-016	MP-33	1/12/00	5	632	4.50	4.09	0.0	28.9		0.34		3.13	3.61	316.5			M.B. Energy, Inc.	32930106
TR-016	MP-33	4/12/00	25	0		4.10	5.8	44.0		0.60		2.34	5.02	134.8			M.B. Energy, Inc.	32930106
TR-017	MP-33A	8/7/90	2	323	4.40	4.21	0.0	36.5		1.74		1.59	3.75	124.1			M.B. Energy, Inc.	32910102
TR-017	MP-33A	8/25/90	1	341	4.20	3.90	0.0	36.9		0.61		1.67	3.55	129.4			M.B. Energy, Inc.	32910102
TR-017	MP-33A	9/14/90	1	383	4.00	3.72	0.0	43.2		1.11		1.85	3.18	149.3			M.B. Energy, Inc.	32910102
TR-017	MP-33A	9/28/90	1	374	4.10	3.89	0.0	39.5		0.52		1.88	3.56	159.1			M.B. Energy, Inc.	32910102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-017	MP-33A	10/10/90	2	377	4.00	3.85	0.0	42.7		0.99		2.01	3.51	159.7			M.B. Energy, Inc.	32910102
TR-017	MP-33A	10/23/90	4	318	4.30	4.01	0.0	36.6		0.42		1.76	3.25	134.3			M.B. Energy, Inc.	32910102
TR-017	MP-33A	11/5/90	2	329	4.20	4.00	0.0	38.6		0.32		1.76	3.08	139.5			M.B. Energy, Inc.	32910102
TR-017	MP-33A	11/23/90	2	316	4.20	4.09	0.0	30.9		0.26		1.67	3.17	142.1			M.B. Energy, Inc.	32910102
TR-017	MP-33A	12/7/90	4	313	3.80	3.99	0.0	29.8		0.08		1.60	3.11	142.6			M.B. Energy, Inc.	32910102
TR-017	MP-33A	12/19/90	4	276	4.10	4.15	0.0	29.3		0.06		1.43	2.72	111.5			M.B. Energy, Inc.	32910102
TR-017	MP-33A	1/4/91	4	275	4.20	4.18	0.0	28.1		0.06		1.43	2.75	118.3			M.B. Energy, Inc.	32910102
TR-017	MP-33A	1/24/91	4	260	4.30	4.11	0.0	27.1		0.05		1.37	2.40	109.5			M.B. Energy, Inc.	32910102
TR-017	MP-33A	2/6/91	3	276	4.40	4.25	0.0	37.3		0.07		1.37	2.45	106.9			M.B. Energy, Inc.	32910102
TR-017	MP-33A	2/18/91	3	277	4.10	4.15	0.0	29.8		0.06		1.31	2.83	104.3			M.B. Energy, Inc.	32910102
TR-017	MP-33A	3/15/91	3	265	4.30	4.24	0.0	27.8		0.04		1.31	2.64	114.7			M.B. Energy, Inc.	32910102
TR-017	MP-33A	4/10/91	4	264	4.20	4.14	0.0	29.0		0.08		1.30	2.62	106.5			M.B. Energy, Inc.	32910102
TR-017	MP-33A	4/24/91	5	258	4.20	4.08	0.0	25.4		0.06		1.18	2.59	101.2			M.B. Energy, Inc.	32910102
TR-017	MP-33A	5/16/91	2	270	4.20	4.07	0.0	30.4		0.11		1.30	2.56	112.2			M.B. Energy, Inc.	32910102
TR-017	MP-33A	5/28/91	1	288	4.00	4.09	0.0	34.6		0.33		1.30	2.61	120.9			M.B. Energy, Inc.	32910102
TR-017	MP-33A	6/14/91	1	315	3.90	3.86	0.0	34.3		0.83		1.45	2.88	131.9			M.B. Energy, Inc.	32910102
TR-017	MP-33A	6/25/91	0	344	3.90	3.79	0.0	35.6		1.39		1.51	2.92	136.2			M.B. Energy, Inc.	32910102
TR-017	MP-33A	7/9/91	1	338	3.90	3.81	0.0	88.2		1.68		1.37	2.90	143.4			M.B. Energy, Inc.	32910102
TR-017	MP-33A	7/22/91	0	393	3.70	3.69	0.0	110.8		2.63		1.58	2.99	158.3			M.B. Energy, Inc.	32910102
TR-017	MP-33A	8/5/91	0	385		3.92	0.0	47.3		1.75		1.83	3.61	156.5			M.B. Energy, Inc.	32910102
TR-017	MP-33A	12/23/91	2	357	4.60	4.14	0.0	47.6		0.06		1.88	4.78	164.5			M.B. Energy, Inc.	32910102
TR-017	MP-33A	2/21/92	2	333	4.40	4.13	0.0	44.1		0.05		1.78	3.86	131.4			M.B. Energy, Inc.	32910102
TR-017	MP-33A	6/5/92	2	326	4.00	4.01	0.0	41.9		0.12		1.59	4.00	139.3			M.B. Energy, Inc.	32910102
TR-017	MP-33A	7/17/92	1	393	4.00	3.92	0.0	48.0		0.44		1.88	5.54	166.9			M.B. Energy, Inc.	32910102
TR-017	MP-33A	11/11/92	2	400	3.50	3.97	0.0	142.7		0.12		2.02	5.77	146.6			M.B. Energy, Inc.	32910102
TR-017	MP-33A	1/21/93	2	311	4.10	4.12	0.0	40.8		0.05		1.63	3.55	127.8			M.B. Energy, Inc.	32910102
TR-017	MP-33A	5/19/93	1	276	3.50	3.95	0.0	33.1		0.06		1.30	3.03	98.1			M.B. Energy, Inc.	32910102
TR-017	MP-33A	7/7/93	0														M.B. Energy, Inc.	32910102
TR-017	MP-33A	11/5/93	1	358	4.30	3.92	0.0	40.0		0.07		1.88	4.06	146.5			M.B. Energy, Inc.	32910102
TR-017	MP-33A	2/4/94	6	290	4.40	4.23	0.0	33.3		0.15		1.46	3.18	110.0			M.B. Energy, Inc.	32910102
TR-017	MP-33A	4/12/94	2	237	5.10	3.99	0.0	26.0		0.09		1.10	2.30	94.2			M.B. Energy, Inc.	32910102
TR-017	MP-33A	4/20/94	2	261	4.00	3.86	0.0	27.1		0.05		1.12	2.31	102.7			M.B. Energy, Inc.	32930106
TR-017	MP-33A	5/12/94	2	251	3.90	4.13	0.0	46.1		0.05		1.11	2.50	98.1			M.B. Energy, Inc.	32930106
TR-017	MP-33A	5/24/94	2	275	4.30	3.96	0.0	43.7		0.09		1.19	2.64	101.5			M.B. Energy, Inc.	32930106
TR-017	MP-33A	6/9/94	2	277	4.20	4.11	0.0	35.6		0.13		1.21	2.85	107.0			M.B. Energy, Inc.	32930106
TR-017	MP-33A	6/21/94	1	299	4.10	3.86	0.0	35.1		0.51		1.24	2.54	112.9			M.B. Energy, Inc.	32930106
TR-017	MP-33A	7/8/94	0	343	3.90	3.66	0.0	32.0		1.04		1.19	2.17	131.2			M.B. Energy, Inc.	32930106
TR-017	MP-33A	7/21/94	1	348	3.90	3.72	0.0	38.7		1.77		1.24	2.44	131.2			M.B. Energy, Inc.	32930106
TR-017	MP-33A	8/2/94	1	359	3.90	3.71	0.0	39.3		1.15		1.38	2.89	115.5			M.B. Energy, Inc.	32930106
TR-017	MP-33A	8/24/94	5	323	3.80	3.97	0.0	44.4		0.39		1.32	3.40	121.0			M.B. Energy, Inc.	32910102
TR-017	MP-33A	9/2/94	1	316	3.90	3.82	0.0	43.9		0.54		1.29	3.34	119.7			M.B. Energy, Inc.	32930106
TR-017	MP-33A	9/29/94	0	348	4.50	3.73	0.0	41.5		0.73		1.39	3.67	131.6			M.B. Energy, Inc.	32930106
TR-017	MP-33A	10/11/94	1	352	4.40	3.82	0.0	49.2		0.45		1.63	4.86	129.1			M.B. Energy, Inc.	32910102
TR-017	MP-33A	11/22/94	1	363	3.90	4.08	0.0	46.5		0.16		1.88	4.85	148.1			M.B. Energy, Inc.	32930106
TR-017	MP-33A	12/13/94	8	323	4.70	4.05	0.0	28.9		0.08		1.79	2.78	116.0			M.B. Energy, Inc.	32930106
TR-017	MP-33A	1/6/95	0														M.B. Energy, Inc.	32930106
TR-017	MP-33A	2/13/95	0														M.B. Energy, Inc.	32910102
TR-017	MP-33A	3/7/95	2	350	5.30	4.11	0.0	25.5		0.07		1.52	2.51	76.7			M.B. Energy, Inc.	32930106
TR-017	MP-33A	4/18/95	2	600	4.60	4.12	0.0	53.1		0.06		2.07	5.56	186.0			M.B. Energy, Inc.	32910102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-017	MP-33A	5/19/95	2	683	5.10	4.01	0.0	60.5		0.08		2.56	7.31	313.8			M.B. Energy, Inc.	32930106
TR-017	MP-33A	6/20/95	0	582	5.00	3.81	0.0	56.9		0.15		1.96	5.17	255.2			M.B. Energy, Inc.	32930106
TR-017	MP-33A	7/10/95	0	554	4.60	4.10	0.0	44.8		0.10		2.10	4.53	242.3			M.B. Energy, Inc.	32910102
TR-017	MP-33A	8/14/95	0	499	3.10	4.15	0.0	33.6		0.28		1.96	2.25	202.7			M.B. Energy, Inc.	32930106
TR-017	MP-33A	9/26/95	0														M.B. Energy, Inc.	32930106
TR-017	MP-33A	10/21/95	0														M.B. Energy, Inc.	32930106
TR-017	MP-33A	11/6/95	0														M.B. Energy, Inc.	32930106
TR-017	MP-33A	12/8/95	0	348	3.80	4.24	0.0	24.5		0.28		1.73	2.82	142.2			M.B. Energy, Inc.	32930106
TR-017	MP-33A	12/29/95	0	365	4.50	4.29	0.0	28.1		0.04		1.70	2.91	138.4			M.B. Energy, Inc.	32910102
TR-017	MP-33A	1/9/96	0	355	4.50	4.32	0.0	28.4		0.04		1.76	2.88	130.0			M.B. Energy, Inc.	32930106
TR-017	MP-33A	2/17/96	1	569	5.50	4.46	0.0	58.3		<0.04		2.85	6.04	292.3			M.B. Energy, Inc.	32930106
TR-017	MP-33A	3/7/96	1	475	4.50	4.11	0.0	33.9		0.66		2.74	4.35	210.7			M.B. Energy, Inc.	32910102
TR-017	MP-33A	3/31/96	8	421	4.00	4.26	0.0	37.5		<0.04		2.22	3.04	183.5			M.B. Energy, Inc.	32930106
TR-017	MP-33A	4/24/96	4	419	4.50	4.23	0.0	33.2		0.11		2.26	2.98	185.2			M.B. Energy, Inc.	32930106
TR-017	MP-33A	5/13/96	15	387	4.50	4.29	0.0	30.3		0.04		2.26	2.83	170.5			M.B. Energy, Inc.	32910102
TR-017	MP-33A	6/6/96	3	413	4.00	4.21	0.0	30.9		0.05		2.36	2.84	175.8			M.B. Energy, Inc.	32930106
TR-017	MP-33A	7/1/96	4	367	4.00	4.08	0.0	32.3		0.53		2.53	3.02	149.9			M.B. Energy, Inc.	32910102
TR-017	MP-33A	8/5/96	3	405	4.00	4.07	0.0	31.6		0.20		2.41	3.11	168.8			M.B. Energy, Inc.	32930106
TR-017	MP-33A	8/15/96	3	405	4.00	4.07	0.0	31.6		0.20		2.41	3.11	168.8			M.B. Energy, Inc.	32910102
TR-017	MP-33A	9/12/96	3	362	4.00	4.23	0.0	30.0		0.10		2.13	2.37	150.1			M.B. Energy, Inc.	32930106
TR-017	MP-33A	10/2/96	8	385	4.00	4.14	0.0	33.1		0.15		2.25	2.18	162.5			M.B. Energy, Inc.	32910102
TR-017	MP-33A	2/28/97	8	327	4.00	3.93	0.0	32.4		<0.04		1.93	3.00	136.4			M.B. Energy, Inc.	32910102
TR-017	MP-33A	4/22/97	4	323	4.00	4.03	0.0	40.5		0.04		1.87	1.75	139.5			M.B. Energy, Inc.	32930106
TR-017	MP-33A	5/9/97	8	366	4.50	4.19	0.0	25.5		0.04		2.37	2.17	151.8			M.B. Energy, Inc.	32930106
TR-017	MP-33A	6/6/97	8	365	4.00	4.19	0.0	22.5		<0.04		2.19	2.00	159.7			M.B. Energy, Inc.	32930106
TR-017	MP-33A	6/7/97	8	366	4.50	4.19	0.0	25.5		0.04		2.37	2.17	151.8			M.B. Energy, Inc.	32910102
TR-017	MP-33A	7/17/97	2	398	4.00	3.98	0.0	47.6		0.36		2.71	2.92	161.8			M.B. Energy, Inc.	32930106
TR-017	MP-33A	8/11/97	0	360	4.00	3.59	0.0	34.9		1.29		2.66	1.87	174.1			M.B. Energy, Inc.	32930106
TR-017	MP-33A	9/2/97	0														M.B. Energy, Inc.	32910102
TR-017	MP-33A	10/15/97	1	414	4.00	4.36	0.0	30.4		0.48		2.72	1.69	208.8			M.B. Energy, Inc.	32910102
TR-017	MP-33A	11/24/97	3	392	4.50	4.13	0.0	35.0		0.08		2.78	2.82	164.9			M.B. Energy, Inc.	32930106
TR-017	MP-33A	12/9/97	3	379	5.00	4.14	0.0	25.1		0.05		2.93	2.19	151.1			M.B. Energy, Inc.	32930106
TR-017	MP-33A	1/16/98	8	369	4.00	4.08	0.0	25.1		<0.04		2.68	2.16	153.8			M.B. Energy, Inc.	32910102
TR-017	MP-33A	2/10/98	8	362	5.00	4.03	0.0	36.7		0.08		2.39	2.10	145.6			M.B. Energy, Inc.	32930106
TR-017	MP-33A	4/7/98	4	330	5.00	4.40	0.0	21.3		0.07		2.15	1.88	132.8			M.B. Energy, Inc.	32910102
TR-017	MP-33A	7/10/98	3	363	4.50	4.24	0.0	27.7		0.18		2.38	2.12	136.9			M.B. Energy, Inc.	32930106
TR-017	MP-33A	10/21/98	0	454	4.00	3.74	0.0	51.9		0.36		3.29	3.60	207.0			M.B. Energy, Inc.	32930106
TR-017	MP-33A	2/10/99	3	371	4.00	4.31	0.0	29.6		0.07		2.81	3.10	154.3			M.B. Energy, Inc.	32930106
TR-017	MP-33A	4/8/99	4	377	4.00	3.85	0.0	28.5		<0.04		3.27	3.25	150.2			M.B. Energy, Inc.	32930106
TR-017	MP-33A	7/19/99	0	417	4.00	3.97	0.0	36.1		1.13		3.01	2.17	163.0			M.B. Energy, Inc.	32930106
TR-017	MP-33A	10/12/99	0	443	4.00	4.47	0.0	47.2		0.34		3.24	3.68	192.4			M.B. Energy, Inc.	32930106
TR-017	MP-33A	1/12/00	3	387	4.50	3.71	0.0	22.9		0.04		2.55	3.17	171.6			M.B. Energy, Inc.	32930106
TR-019	SW23	5/10/94	51	766	3.40	3.50	0.0	86.0		1.70		4.40	4.70	387.0			Marquise Mining Corp.	32950103
TR-019	SW23	6/14/94	7	1040	3.30	3.30	0.0	254.0		0.85		4.40	6.10	569.0			Marquise Mining Corp.	32950103
TR-019	SW23	9/21/94	5	1110	3.10	3.30	0.0	97.0		0.82		7.40	8.10	598.0			Marquise Mining Corp.	32950103
TR-019	SW23	10/27/94	6	1160	3.10	3.30	0.0	113.0		1.62		11.40	11.90	720.0			Marquise Mining Corp.	32950103
TR-019	SW23	11/29/94	30	856	3.20	3.40	0.0	98.0		1.60		6.40	7.50	510.0			Marquise Mining Corp.	32950103
TR-019	SW23	12/19/94	44	900	3.30	3.40	0.0	99.0		0.94		4.80	7.30	528.0			Marquise Mining Corp.	32950103
TR-019	SW23	9/7/95	5	1290	3.20	3.20	0.0	112.0		2.47		9.10	10.80	610.0			Marquise Mining Corp.	32950103

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-019	SW23	10/10/95	8	1220	3.20	3.30	0.0	101.0		3.08		9.28	10.10	590.0			Marquise Mining Corp.	32950103
TR-019	SW23	1/16/96	16	1140	3.10	3.40	0.0	99.0		2.41		8.18		600.0			Marquise Mining Corp.	32950103
TR-019	SW23	4/8/96	101	930	3.50	3.50	0.0	69.0		1.06		4.97	6.80	420.0			Marquise Mining Corp.	32950103
TR-019	SW23	7/1/96	19	985	3.50	3.60	0.0	74.0		1.81		7.09	8.40	500.0			Marquise Mining Corp.	32950103
TR-019	SW23	10/3/96	44	956	4.20	3.40	0.0	74.0		1.93		6.27	7.30	440.0			Marquise Mining Corp.	32950103
TR-019	SW23	1/7/97	43	939	3.60	3.50	0.0	99.0		1.63		6.54	7.20	460.0			Marquise Mining Corp.	32950103
TR-019	SW23	4/3/97	47	891	3.60	3.50	0.0	66.0		1.22		5.68	7.00	440.0			Marquise Mining Corp.	32950103
TR-019	SW23	9/15/97	10	1050	3.60	3.50	0.0	84.0		2.94		9.27	8.40	520.0			Marquise Mining Corp.	32950103
TR-020	601236	6/1/02	3	825		3.29	1.0	20.0		0.29		5.05	1.86	398.0	31		ICCD - Multi County	
TR-021	601238	6/1/02	30	1440		3.60	1.0	61.0		0.13		10.00	11.20	750.0	36		ICCD - Multi County	
TR-022	601239	6/1/02	10	1150		4.38	1.0	35.0		0.10		8.50	7.42	688.0	51		ICCD - Multi County	
TR-023	601242	6/1/02	150	940		4.69	2.4	32.0		14.40		1.28	4.29	485.0	15		ICCD - Multi County	
TR-025	601271	6/1/02	2	610		5.79	18.0	27.2		25.80		2.21	0.10	300.0	28		ICCD - Multi County	
TR-026	601237	6/1/02	30	240		6.50	26.4	1.0		0.10		0.23	0.10	44.0	3		ICCD - Multi County	
TR-027	601240	6/1/02	5	600		6.49	28.4	1.0		8.10		2.26	0.40	220.0	24		ICCD - Multi County	
TR-028	601158	6/1/02	99	410		6.48	28.4	1.0		1.61		0.49	0.38	142.0	37		ICCD - Multi County	
TR-029	601159	6/1/02	40	750		5.21	8.8	93.0		52.30		2.32	0.32	260.0	7		ICCD - Multi County	
TR-030	601160	6/1/02	20	660		3.40	1.0	46.0		3.05		2.54	1.22	200.0	7		ICCD - Multi County	
TR-031	601161	6/1/02	60	2900		2.47	1.0	866.0		112.00		4.59	84.10	1455.0	6		ICCD - Multi County	
TR-032	601032	6/1/02	400	860		5.37	16.8	28.4		16.40		2.79	2.09	257.0	13		ICCD - Multi County	
TR-033	601034	6/1/02	188	965		2.82	1.0	154.0		5.60		1.82	13.20	348.0	1		ICCD - Multi County	
TR-034	601125	6/1/02		1240		3.97	1.0	44.8		0.08		7.30	6.29	810.0	3		ICCD - Multi County	
TR-035	601126	6/1/02	5	680		4.14	1.0	23.2		0.07		2.56	2.88	355.0	5		ICCD - Multi County	
TR-036	601127	6/1/02	50	990		3.27	1.0	73.6		1.52		5.24	8.36	522.0	5		ICCD - Multi County	
TR-037	601128	6/1/02	35	960		3.41	1.0	83.6		1.73		6.40	9.94	500.0	66		ICCD - Multi County	
TR-038	601192	6/1/02	10	1300		4.32	1.0	32.4		24.40		1.87	2.25	653.0	70		ICCD - Multi County	
TR-039	601193	6/1/02	25	1250		6.80	26.0	1.0		1.65		1.02	0.98	690.0	83		ICCD - Multi County	
TR-040	601194	6/1/02	50	1900		2.97	1.0	204.0		2.19		13.40	33.20	1123.0	4		ICCD - Multi County	
TR-041	601195	6/1/02	10	800		7.64	254.0	1.0		0.32		0.64	0.33	243.0	19		ICCD - Multi County	
TR-042	601196	6/1/02	3	800		6.71	33.0	1.0		4.14		1.39	0.65	320.0	81		ICCD - Multi County	
TR-043	601197	6/1/02	5	760		4.10	1.0	24.0		0.25		1.36	3.41	315.0	2		ICCD - Multi County	
TR-044	601236A	6/1/02	150	750		6.59	10.8	1.0		0.05		0.12	0.10	320.0	2		ICCD - Multi County	
TR-045	601033	6/1/02	94	435		3.80	1.0	26.0		0.46		1.48	3.17	120.0	5		ICCD - Multi County	
TR-046	KBLTER	5/25/99				4.00	0.0		42.0	1.92	0.48	3.76	1.27	273.0	<2		Stream Team	
TR-046	KBLTER	1/12/00				3.80	0.0	5.8	54.0	1.69	0.27	6.05	1.66	284.0	<2		Stream Team	
TR-046	KBLTER	4/12/00				4.40	0.0		0.0	7.52	6.38	5.02	1.86	333.0	14		Stream Team	
TR-046	KBLTER	10/11/00				3.90	0.0	1.4	44.0	1.11	0.28	4.57	1.67	286.0	18		Stream Team	
TR-046	KBLTER	1/23/01															Stream Team	
TR-046	KBLTER	4/26/01				4.40	0.0		26.0	4.19	2.57	3.34	1.26	154.0	22		Stream Team	
TR-046	KBLTER	7/12/01															Stream Team	
TR-046	KBLTER	4/19/02				4.20	0.0		70.8	11.50	11.09	6.62	2.23	332.0	18		Stream Team	
TR-046	KBLTER	7/21/02	5	450		3.50	0.0	19.6	120.0	0.56	0.11	8.98	1.92	511.0	2		Stream Team	
TR-046	KBLTER	10/25/02				3.60	0.0	9.2	99.4	1.23	0.43	6.54	1.74	232.2	2		Stream Team	
TR-046	KBLTER	1/31/03	5	406		4.10	0.0		90.0	11.40	10.83	2.45	7.04	399.6	18		Stream Team	
TR-046	KBLTER	4/25/03				4.00	1.0		81.4	10.50	7.64	2.26	8.55	329.2	<2		Stream Team	
TR-046	TR-9	6/27/03	5590	884		3.57	0.0	72.5		7.58		1.88	7.29	392.5	8	782	BCWA Assessment-IUP	
TR-046	TR-9	7/30/03	5754	672		3.79	0.0	54.7		7.94		1.76	5.18	318.7	44	508	BCWA Assessment-IUP	
TR-046	KBLTER	8/3/03				4.50	9.2		63.0	7.70	5.32	1.63	5.27	329.3	32		Stream Team	
TR-046	TR-9	8/19/03	4682	847		3.91	0.0	69.3		12.02		2.18	8.66	379.2	20	690	BCWA Assessment-IUP	



**Blacklick Creek Watershed Assessment / Restoration Plan**

**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-046	TR-9	9/29/03	6088	706		3.74	0.0	65.3		8.95		1.78	6.95	343.5	36	514	BCWA Assessment-IUP	
TR-046	KBLTER	10/24/03				3.90	0.0		82.2	4.61	3.44	1.67	5.35	331.1	6		Stream Team	
TR-046	TR-9	10/25/03	4288	755		3.60	0.0	62.1		4.75		1.74	5.99	290.1	-2	518	BCWA Assessment-IUP	
TR-046	TR-9	12/5/03	6088	716		4.32	0.0	74.3		6.83		1.70	5.56	313.8	14	482	BCWA Assessment-IUP	
TR-046	TR-9	12/31/03	7983	622		4.13	0.0	59.9		5.47		1.44	5.31	255.9	4	418	BCWA Assessment-IUP	
TR-046	TR-9	1/30/04	7606	795		4.06	0.0	78.5		7.98		1.51	7.17	382.7	-2	570	BCWA Assessment-IUP	
TR-046	TR-9	2/28/04	9742	682		3.92	0.0	67.5		6.09		1.45	6.69	293.4	8	456	BCWA Assessment-IUP	
TR-046	TR-9	3/26/04	7274	651		4.03	0.0	45.3		5.95		1.46	5.45	293.8	4	420	BCWA Assessment-IUP	
TR-046	TR-9	4/16/04	13545	561		3.89	0.0	44.1		4.19		1.47	4.34	229.0	8	442	BCWA Assessment-IUP	
TR-046	TR-9	5/13/04	4728	751		3.68	0.0	63.7		6.41		1.69	6.52	364.9	12	672	BCWA Assessment-IUP	
TR-048	601243	6/1/02	0														ICCD - Multi County	
TR-048	TR-7	6/27/03	5	1474		2.98	0.0	180.1		2.31		3.33	15.12	732.1	-2	1336	BCWA Assessment-IUP	
TR-048	TR-7	7/30/03	5	1573		3.00	0.0	186.9		2.72		6.91	16.38	805.0	20	1540	BCWA Assessment-IUP	
TR-048	TR-7	8/19/03	6	1488		3.04	0.0	169.2		2.73		4.95	16.91	731.3	-2	1372	BCWA Assessment-IUP	
TR-048	TR-7	9/27/03	678	1500		2.86	0.0	217.2		3.81		3.41	17.91	757.7	-2	1244	BCWA Assessment-IUP	
TR-048	TR-7	10/25/03	4	1564		2.82	0.0	217.2		3.51		3.37	19.95	716.5	-2	1260	BCWA Assessment-IUP	
TR-048	TR-7	12/5/03	678	1636		3.00	0.0	234.0		4.37		5.74	17.70	760.8	-2	1142	BCWA Assessment-IUP	
TR-048	TR-7	12/31/03		1608		3.00	0.0	201.6		3.09		6.70	16.83	827.1	-2	1154	BCWA Assessment-IUP	
TR-048	TR-7	1/31/04		1525		2.86	0.0	234.1		5.71		2.22	18.40	652.2	-2	1064	BCWA Assessment-IUP	
TR-048	TR-7	2/28/04	7	1421		2.84	0.0	191.3		3.40		3.27	15.32	616.3	-2	914	BCWA Assessment-IUP	
TR-048	TR-7	3/26/04	8	1404		2.91	0.0	147.1		2.60		4.94	13.29	607.8	-2	968	BCWA Assessment-IUP	
TR-048	TR-7	4/16/04	9	1388		3.13	0.0	130.1		1.92		7.71	11.19	664.5	-2	1262	BCWA Assessment-IUP	
TR-048	TR-7	5/13/04	8	1324		2.96	0.0	169.1		2.51		3.12	14.37	642.2	2	1190	BCWA Assessment-IUP	
TR-049	TR-6	6/27/03	550	943		4.29	0.0	37.7		10.15		0.99	4.38	470.5	26	924	BCWA Assessment-IUP	
TR-049	TR-6	7/30/03	489	940		4.32	0.0	36.8		11.69		1.28	4.53	520.6	42	814	BCWA Assessment-IUP	
TR-049	TR-6	8/19/03	383	930		4.85	2.2	30.8		11.01		1.22	4.12	515.3	28	872	BCWA Assessment-IUP	
TR-049	TR-6	9/27/03	5	908		4.71	1.1	41.3		9.63		1.04	4.04	480.7	24	750	BCWA Assessment-IUP	
TR-049	TR-6	10/25/03	287	944		4.26	0.0	49.9		9.40		1.12	4.34	488.8	6	730	BCWA Assessment-IUP	
TR-049	TR-6	12/5/03	5	953		4.67	-1.0	68.1		10.01		1.29	5.95	486.4	14	728	BCWA Assessment-IUP	
TR-049	TR-6	12/31/03	294	926		4.39	0.0	66.8		10.77		1.23	5.82	502.3	8	722	BCWA Assessment-IUP	
TR-049	TR-6	1/31/04	312	874		4.92	1.7	40.3		13.46		0.87	3.98	429.0	14	680	BCWA Assessment-IUP	
TR-049	TR-6	2/28/04	614	874		4.44	0.0	44.0		11.79		1.20	5.08	495.6	16	678	BCWA Assessment-IUP	
TR-049	TR-6	3/26/04	776	854		4.77	1.5	34.8		11.36		1.13	4.47	443.7	20	658	BCWA Assessment-IUP	
TR-049	TR-6	4/16/04	1695	855		4.48	0.0	35.6		10.41		1.80	4.71	436.3	18	708	BCWA Assessment-IUP	
TR-049	TR-6	5/13/04	849	854		4.45	0.0	40.1		12.93		1.07	4.60	410.4	30	752	BCWA Assessment-IUP	
TR-052	TR-8	6/27/03	707	964		4.27	0.0	112.3		28.70		3.29	10.95	509.6	16	986	BCWA Assessment-IUP	
TR-052	TR-8	7/30/03	820	1006		4.17	0.0	136.1		36.40		3.81	12.19	538.4	52	836	BCWA Assessment-IUP	
TR-052	TR-8	8/19/03	2106	916		4.43	0.0	103.9		29.34		3.37	11.20	423.1	14	830	BCWA Assessment-IUP	
TR-052	TR-8	9/27/03	1421	978		4.36	0.0	118.3		26.08		3.22	10.20	414.6	44	732	BCWA Assessment-IUP	
TR-052	TR-8	10/25/03	478	934		4.34	0.0	98.0		27.32		3.05	7.96	472.0	10	736	BCWA Assessment-IUP	
TR-052	TR-8	12/7/03	1421	878		4.63	1.2	131.1		25.61		2.94	10.18	444.1	4	704	BCWA Assessment-IUP	
TR-052	TR-8	12/31/03	1589	858		4.66	1.6	120.7		24.34		2.87	10.25	466.5	12	678	BCWA Assessment-IUP	
TR-052	TR-8	1/31/04	1414	815		4.64	1.4	101.9		17.33		2.27	7.25	411.1	-2	638	BCWA Assessment-IUP	
TR-052	TR-8	2/28/04	1401	822		4.35	0.0	105.3		17.99		2.38	9.39	400.2	8	610	BCWA Assessment-IUP	
TR-052	TR-8	3/26/04	1485	819		4.34	0.0	96.3		13.56		2.45	8.98	427.6	-2	616	BCWA Assessment-IUP	
TR-052	TR-8	4/16/04	2287	890		3.44	0.0	102.9		18.30		2.78	9.95	398.8	26	706	BCWA Assessment-IUP	
TR-052	TR-8	5/13/04	1212	850		4.14	0.0	89.6		16.62		2.63	8.73	372.9	24	752	BCWA Assessment-IUP	
TR-054	TR-2	6/27/03	293	403		7.23	23.8	3.6		1.91		0.26	-0.10	160.8	10	286	BCWA Assessment-IUP	
TR-054	TR-2	7/30/03	263	335		6.91	24.8	2.9		0.88		0.11	-0.10	108.1	12	212	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-054	TR-2	8/19/03	566	348		6.70	25.5	2.8		1.25		0.18	-0.10	127.4	16	214	BCWA Assessment-IUP	
TR-054	TR-2	9/27/03	317	332		6.76	29.8	3.9		1.19		0.18	-0.10	106.2	14	218	BCWA Assessment-IUP	
TR-054	TR-2	10/25/03	253	357		6.63	21.6	3.3		1.39		0.25	-0.10	131.1	-2	238	BCWA Assessment-IUP	
TR-054	TR-2	12/5/03	317	324		6.10	4.5	10.3		0.87		0.20	0.30	99.4	2	200	BCWA Assessment-IUP	
TR-054	TR-2	12/31/03	576	315		7.04	15.7	3.7		0.60		0.13	0.40	96.9	-2	186	BCWA Assessment-IUP	
TR-054	TR-2	1/31/04	542	371		6.79	17.5	5.3		2.54		0.30	0.18	129.0	-2	260	BCWA Assessment-IUP	
TR-054	TR-2	2/28/04	299	331		6.41	14.4	4.4		0.72		0.09	-0.10	100.7	-2	188	BCWA Assessment-IUP	
TR-054	TR-2	3/26/04	348	306		6.61	13.9	2.5		0.94		0.13	1.21	100.1	8	176	BCWA Assessment-IUP	
TR-054	TR-2	4/16/04	808	249		6.85	11.4	3.5		0.36		0.13	-0.10	79.4	2	136	BCWA Assessment-IUP	
TR-054	TR-2	5/13/04	546	354		6.77	21.3	3.6		1.75		0.25	0.24	119.8	8	250	BCWA Assessment-IUP	
TR-055	TR-3	6/27/03	43	1123		2.95	0.0	105.5		16.50		1.92	0.20	398.4	6	652	BCWA Assessment-IUP	
TR-055	TR-3	7/30/03	939	353		6.72	18.0	4.1		1.85		0.29	-0.10	127.9	4	248	BCWA Assessment-IUP	
TR-055	TR-3	8/19/03	1178	1032		2.99	0.0	88.7		22.89		2.33	0.33	364.3	-2	468	BCWA Assessment-IUP	
TR-055	TR-3	9/27/03	290	949		3.06	0.0	93.5		16.02		2.13	0.30	324.5	10	458	BCWA Assessment-IUP	
TR-055	TR-3	10/25/03	87	1027		2.99	0.0	88.3		16.32		2.36	0.61	383.7	-2	516	BCWA Assessment-IUP	
TR-055	TR-3	12/5/03	290	880		3.29	0.0	92.9		20.25		2.00	0.26	267.1	-2	420	BCWA Assessment-IUP	
TR-055	TR-3	12/31/03	97	749		3.24	0.0	75.7		17.58		1.24	0.58	277.0	-2	332	BCWA Assessment-IUP	
TR-055	TR-3	1/31/04	117	976		3.16	0.0	90.8		15.90		2.05	0.13	341.9	-2	518	BCWA Assessment-IUP	
TR-055	TR-3	2/28/04	45	752		3.02	0.0	72.8		16.01		1.30	0.27	219.1	-2	330	BCWA Assessment-IUP	
TR-055	TR-3	3/26/04	110	786		3.07	0.0	56.5		15.63		1.25	1.25	249.2	4	360	BCWA Assessment-IUP	
TR-055	TR-3	4/16/04	181	580		3.31	0.0	52.0		14.44		0.99	-0.10	168.7	8	266	BCWA Assessment-IUP	
TR-055	TR-3	5/13/04	110	1006		2.97	0.0	95.9		21.08		2.21	0.22	347.8	10	512	BCWA Assessment-IUP	
TR-056	TR-4	6/27/03	451	392		5.01	1.3	4.5		0.45		0.23	0.22	167.4	8	330	BCWA Assessment-IUP	
TR-056	TR-4	7/30/03	802	318		6.33	5.5	2.9		0.37		0.39	-0.10	128.3	24	220	BCWA Assessment-IUP	
TR-056	TR-4	8/19/03	218	339		5.75	3.9	662.5		0.49		0.40	0.22	139.9	6	312	BCWA Assessment-IUP	
TR-056	TR-4	9/27/03	1091	318		6.18	5.0	3.3		0.56		0.48	0.22	137.8	10	248	BCWA Assessment-IUP	
TR-056	TR-4	10/25/03	997	340		5.44	1.8	4.0		0.16		0.47	0.25	137.7	-2	244	BCWA Assessment-IUP	
TR-056	TR-4	12/5/03	1091	305		6.12	2.7	6.0		0.59		0.56	0.57	106.4	8	206	BCWA Assessment-IUP	
TR-056	TR-4	12/31/03	1116	287		6.27	3.7	11.3		0.71		0.44	0.96	121.1	-2	178	BCWA Assessment-IUP	
TR-056	TR-4	1/31/04	1037	382		5.00	1.4	33.9		0.50		0.58	0.46	160.7	-2	380	BCWA Assessment-IUP	
TR-056	TR-4	2/28/04	1476	303		5.59	1.9	4.5		1.10		0.51	0.53	112.1	2	186	BCWA Assessment-IUP	
TR-056	TR-4	3/26/04	1519	306		5.81	2.1	3.1		0.67		0.45	1.85	110.2	2	188	BCWA Assessment-IUP	
TR-056	TR-4	4/16/04	2748	296		5.87	2.5	6.8		0.52		0.45	0.44	115.4	12	220	BCWA Assessment-IUP	
TR-056	TR-4	5/13/04	1115	354		4.57	-1.0	9.3		0.43		0.36	0.62	148.5	4	286	BCWA Assessment-IUP	
TR-057	MP-23	2/27/90	1475	218	5.90	5.04	1.5	12.0		0.18		0.22		84.4			M.B. Energy, Inc.	32910102
TR-057	MP-23	3/22/90		206	5.50	5.32	1.7	3.3		0.46		0.37		84.7			M.B. Energy, Inc.	32910102
TR-057	MP-23	4/26/90	263	255	7.10	6.94	9.5	2.7		0.12		0.13		92.6			M.B. Energy, Inc.	32910102
TR-057	MP-23	5/17/90	2100	172	4.80	5.13	1.6	6.4		0.91		0.36		61.4			M.B. Energy, Inc.	32910102
TR-057	MP-23	6/13/90	374	266	4.60	4.29	0.0	13.7		1.71		0.58		108.5			M.B. Energy, Inc.	32910102
TR-057	MP-23	7/10/90	61	351	4.70	4.85	1.3	10.4		0.43		1.08		143.2			M.B. Energy, Inc.	32910102
TR-057	MP-23	8/7/90	320	262	4.40	4.27	0.0	9.8		2.79		0.67		106.6			M.B. Energy, Inc.	32910102
TR-057	MP-23	8/27/90	115	431	4.40	4.20	0.0	25.0		1.70		1.80		178.9			M.B. Energy, Inc.	32910102
TR-057	MP-23	12/23/91		236	4.90	4.35	0.0	22.0		0.24		0.36		94.5			M.B. Energy, Inc.	32910102
TR-057	MP-23	2/21/92		363	4.50	3.47	0.0	61.4		2.11		0.81		109.8			M.B. Energy, Inc.	32910102
TR-057	MP-23	6/5/92		379	7.20	6.74	13.5	3.5		0.10		0.09		158.2			M.B. Energy, Inc.	32910102
TR-057	MP-23	7/17/92	316	328	5.30	4.17	0.0	30.5		3.70		0.88		115.1			M.B. Energy, Inc.	32910102
TR-057	MP-23	11/11/92	312	328	6.50	4.93	1.2	34.9		4.30		1.03		134.4			M.B. Energy, Inc.	32910102
TR-057	MP-23	1/21/93	358	292	6.70	4.11	0.0	23.7		2.93		0.65		113.8			M.B. Energy, Inc.	32910102
TR-057	MP-23	5/19/93	750	317	5.30	4.34	0.0	11.4		3.20		0.71		130.0			M.B. Energy, Inc.	32910102

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
TR-057	MP-23	7/7/93	207	140	4.70	6.94	25.3	2.4		0.55		0.11		10.7			M.B. Energy, Inc.	32910102
TR-057	MP-23	11/5/93	190	217	5.10	5.33	2.1	6.5		1.21		0.54		81.1			M.B. Energy, Inc.	32910102
TR-057	MP-23	2/4/94	1160	256	5.40	4.59	<1.0	17.5		0.96		0.74		111.2			M.B. Energy, Inc.	32910102
TR-057	MP-23	4/12/94		272	5.00	4.20	0.0	22.5		0.54		0.85		104.4			M.B. Energy, Inc.	32910102
TR-057	MP-23	8/24/94	205	249	5.10	4.85	1.5	13.7		1.33		0.69		101.0			M.B. Energy, Inc.	32910102
TR-057	MP-23	10/25/94	30	487	4.50	3.78	0.0	20.7		1.99		1.44		176.9			M.B. Energy, Inc.	32910102
TR-057	MP-23	2/13/95		364	6.60	5.78	7.0	20.9		5.15		0.67		146.3			M.B. Energy, Inc.	32910102
TR-057	MP-23	6/20/95	47	322	6.40	6.85	9.0	7.3		2.22		0.58		133.2			M.B. Energy, Inc.	32910102
TR-057	MP-23	7/10/95	39	378	5.80	5.06	<1.0	10.4		3.73		0.79		147.3			M.B. Energy, Inc.	32910102
TR-057	MP-23	12/29/95	75	311	5.00	5.66	2.0	4.9		2.97		0.59		133.2			M.B. Energy, Inc.	32910102
TR-057	MP-23	3/7/96	100	184	6.00	5.72	2.6	2.8		0.41		0.39		65.7			M.B. Energy, Inc.	32910102
TR-057	MP-23	5/13/96	25	188	6.50	5.70	2.6	3.9		0.51		0.30		63.9			M.B. Energy, Inc.	32910102
TR-057	MP-23	8/5/96	110	354	6.00	4.63	<1.0	9.5		3.02		0.71		145.0			M.B. Energy, Inc.	32910102
TR-057	MP-23	10/2/96	125	242	6.50	6.15	3.1	3.1		1.16		0.45		90.2			M.B. Energy, Inc.	32910102
TR-057	MP-23	3/4/97	175	244	6.00	5.96	5.6	6.5		0.55		0.37		97.5			M.B. Energy, Inc.	32910102
TR-057	MP-23	6/12/97	195	286	5.00	4.88	<1.0	2.5		0.71		0.39		106.1			M.B. Energy, Inc.	32910102
TR-057	MP-23	9/2/97	75	391	6.00	4.07	0.0	8.8		4.40		0.80		157.1			M.B. Energy, Inc.	32910102
TR-057	MP-23	10/14/97	100	404	5.50	4.03	0.0	10.7		3.40		1.00		167.8			M.B. Energy, Inc.	32910102
TR-057	MP-23	12/3/97		0		6.40	14.8	1.2		<0.3		0.38	<0.50	64.7			M.B. Energy, Inc.	32910102
TR-057	MP-23	1/2/98	350	334	6.50	6.48	8.2	10.9		2.04		0.31		99.9			M.B. Energy, Inc.	32910102
TR-057	MP-23	4/7/98	125	286	6.50	6.62	7.2	3.2		1.85		0.45		109.4			M.B. Energy, Inc.	32910102
TR-057	MP-23	7/8/98		0		6.40	20.0			1.14		0.32	1.02	41.5			M.B. Energy, Inc.	32910102
TR-058	MP-35	2/27/90	13	60	5.00	4.87	1.0	4.1		0.06		0.23		13.6			M.B. Energy, Inc.	32910102
TR-058	MP-35	3/22/90	53	60	5.20	5.09	1.3	3.1		0.31		0.16		12.6			M.B. Energy, Inc.	32910102
TR-058	MP-35	4/26/90	9	223	4.80	4.54	<1.0	9.1		0.09		0.65		86.1			M.B. Energy, Inc.	32910102
TR-058	MP-35	5/17/90	17	212	3.50	3.63	0.0	25.6		0.34		0.45		48.3			M.B. Energy, Inc.	32910102
TR-058	MP-35	6/13/90	59	322	4.10	3.40	0.0	45.1		0.60		0.72		88.6			M.B. Energy, Inc.	32910102
TR-058	MP-35	7/10/90	10	46	4.00	5.11	1.4	4.2		0.42		0.36		9.2			M.B. Energy, Inc.	32910102
TR-058	MP-35	8/7/90	8	53	5.00	4.83	1.0	3.7		0.92		0.34		14.2			M.B. Energy, Inc.	32910102
TR-058	MP-35	8/27/90	4	364	6.70	6.81	12.4	2.8		0.14		0.14		141.0			M.B. Energy, Inc.	32910102
TR-058	MP-35	12/23/91	41	77	5.00	5.44	2.1	5.1		0.17		0.18		18.7			M.B. Energy, Inc.	32910102
TR-058	MP-35	2/21/92	86	77	5.20	4.72	<1.0	6.4		0.08		0.19		12.6			M.B. Energy, Inc.	32910102
TR-058	MP-35	6/5/92	4	55	7.20	4.94	1.2	4.3		0.29		0.33		11.1			M.B. Energy, Inc.	32910102
TR-058	MP-35	7/17/92	2	54	4.90	4.73	<1.0	10.6		0.40		0.46		13.1			M.B. Energy, Inc.	32910102
TR-058	MP-35	11/11/92	18	65	6.70	5.33	1.5	8.4		0.18		0.15		10.1			M.B. Energy, Inc.	32910102
TR-058	MP-35	1/21/93	19	66	7.10	4.76	<1.0	7.9		0.09		0.16		13.6			M.B. Energy, Inc.	32910102
TR-058	MP-35	5/19/93	14	58	6.80	5.17	2.2	4.2		0.13		0.34		13.2			M.B. Energy, Inc.	32910102
TR-058	MP-35	7/7/93	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	11/5/93	41	64	5.40	5.20	1.7			0.05		0.17		14.4			M.B. Energy, Inc.	32910102
TR-058	MP-35	2/4/94	42	63	4.90	4.76	<1.0			0.11		0.18		16.1			M.B. Energy, Inc.	32910102
TR-058	MP-35	4/12/94	29	62	5.20	4.60	<1.0			0.08		0.21		16.0			M.B. Energy, Inc.	32910102
TR-058	MP-35	8/24/94	19	58	4.80	5.03	1.4			0.21		0.15		15.9			M.B. Energy, Inc.	32910102
TR-058	MP-35	10/25/94	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	2/13/95	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	4/18/95	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	7/10/95	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	12/29/95	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	3/7/96	25	90	5.50	4.49	0.0	5.9		0.36		0.23		24.5			M.B. Energy, Inc.	32910102
TR-058	MP-35	5/13/96	45	84	5.00	4.55	<1.0	8.9		<0.04		0.23		25.2			M.B. Energy, Inc.	32910102

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
TR-058	MP-35	7/1/96	25	80	5.00	4.42	0.0	13.9		0.04		0.29		23.1			M.B. Energy, Inc.	32910102
TR-058	MP-35	8/5/96	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	10/2/96	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	11/4/96		0		5.70	7.6	5.2		<0.3		0.25	<0.50	<20.0			M.B. Energy, Inc.	32910102
TR-058	MP-35	2/28/97	45	77	4.50	4.24	0.0	11.3		<0.04		0.18		22.9			M.B. Energy, Inc.	32910102
TR-058	MP-35	5/20/97		0		4.80	7.0	5.2		<0.3		0.28	<0.50	<20.0			M.B. Energy, Inc.	32910102
TR-058	MP-35	6/12/97	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	9/2/97	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	9/8/97	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	10/14/97	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	1/2/98	3	68	5.50	4.65	<1.0	14.3		0.61		0.22		14.6			M.B. Energy, Inc.	32910102
TR-058	MP-35	4/7/98	0														M.B. Energy, Inc.	32910102
TR-058	MP-35	4/12/00		0		4.80	9.6	5.4		<0.3		0.13	<0.50	<20.0			M.B. Energy, Inc.	32910102
TR-061	MP-22	5/20/97		0		6.50	15.6			<0.3		0.05	<0.50	46.9			M.B. Energy, Inc.	32930106
TR-061	MP-22	9/8/97		0		6.30	30.0			<0.3		76.00	<0.50	142.7			M.B. Energy, Inc.	32930106
TR-061	MP-22	4/12/00		0		6.60	24.0			1.58		<0.05	<0.50	67.1			M.B. Energy, Inc.	32930106
TR-062	MP-22A	11/4/96		0		6.20	20.0	4.0		<0.3		0.15	<0.50	170.5			M.B. Energy, Inc.	32930106
TR-062	MP-22A	5/20/97		0		6.20	11.8	1.0		1.62		0.19	1.82	40.4			M.B. Energy, Inc.	32930106
TR-062	MP-22A	9/8/97		0		5.90	10.8	2.2		<0.3		0.26	<0.50	105.7			M.B. Energy, Inc.	32930106
TR-062	MP-22A	4/12/00		0		6.30	13.0			<0.3		0.31	<0.50	57.0			M.B. Energy, Inc.	32930106
TR-063	MP-22B	5/20/97		0		5.00	7.6	8.0		<0.3		0.63	<0.50	61.8			M.B. Energy, Inc.	32930106
TR-063	MP-22B	9/8/97		0		4.30	5.2	24.0		1.07		2.69	3.26	262.0			M.B. Energy, Inc.	32930106
TR-064	MP-27	5/20/97		0		5.30	8.6	7.4		<0.3		0.25	<0.50	<20.0			M.B. Energy, Inc.	32930106
TR-064	MP-27	9/8/97		0		6.50	54.0			<0.3		<0.05	<0.50	169.9			M.B. Energy, Inc.	32930106
TR-064	MP-27	4/12/00		0		6.40	28.0			<0.3		<0.05	<0.50	105.0			M.B. Energy, Inc.	32930106
TR-065	MP-3A	8/27/96		0		6.80	132.0			<0.3		<0.05	<0.50	<20.0			Kent Coal Mining Company	32940105
TR-065	MP-3A	10/8/97		0		6.60	158.0			13.30		4.01	<0.50	<20.0			Kent Coal Mining Company	32940105
TR-066	MP-4	8/27/96		0		6.30	58.0			0.35		<0.05	<0.50	33.2			Kent Coal Mining Company	32940105
TR-066	MP-4	10/8/97	0														Kent Coal Mining Company	32940105
TR-078	MP-6	5/14/93	12	264	6.50	6.54	57.9	11.7		5.11		1.60		34.8			Kent Coal Mining Company	32940105
TR-078	MP-6	6/8/93	18	291	6.50	7.24	63.3	6.1		8.62		1.96		27.9			Kent Coal Mining Company	32940105
TR-078	MP-6	7/27/93	4	339	6.70	7.25	61.7	4.7		2.04		2.29		44.1			Kent Coal Mining Company	32940105
TR-078	MP-6	8/19/93	0	322	5.20	7.36	50.3	2.7		0.60		1.68		14.3			Kent Coal Mining Company	32940105
TR-078	MP-6	9/24/93	2	649	3.20	4.07	0.0	18.8		2.60		0.48		222.8			Kent Coal Mining Company	32940105
TR-078	MP-6	10/22/93	23	258	6.70	7.23	31.1	3.7		1.23		0.26		31.2			Kent Coal Mining Company	32940105
TR-078	MP-6	4/20/94	14	175	6.90	6.31	23.8	5.3		0.53		0.13		28.6			Kent Coal Mining Company	32940105
TR-078	MP-6	6/10/97		0		6.70	62.0			0.86		0.13	<0.50	38.0			Kent Coal Mining Company	32940105
TR-078	MP-6	3/11/98	35	311		7.21	26.5			0.48		0.11		31.0			Kent Coal Mining Company	32940105
TR-078	MP-6	5/12/98	30	324		7.11	51.6			0.82		0.20		27.0			Kent Coal Mining Company	32940105
TR-078	MP-6	9/17/98	0														Kent Coal Mining Company	32940105
TR-078	MP-6	4/18/01		0		6.70	36.0			0.38		0.08	0.21	38.8			Kent Coal Mining Company	32940105
TR-078	MP-6	4/4/02		0		6.30	44.0	3.4		0.62		0.10	<0.50	34.6			Kent Coal Mining Company	32940105
UTLC-024	MP-2	9/26/89	1	311	3.80	3.81	0.0	55.9		1.36		2.45		109.5			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	10/19/89	3	311	4.00	3.88	0.0	55.9		0.46		2.90		111.0			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	11/16/89	2	320	4.10	3.87	0.0	68.1		0.30		3.17		125.5			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	12/13/89	1	300	4.00	3.86	0.0	71.6		0.88		3.02		113.6			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	1/3/90	0	303	3.90	3.86	0.0	75.2		0.18		3.02		113.6			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	2/13/90	2	383	4.00	3.65	0.0	92.2		0.36		3.17	13.12	153.5			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	2/21/90	1	353	4.00	3.73	0.0	92.9		0.40		2.96	12.90	106.3			Mears Enterprises, Inc.	32900102

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-024	MP-2	3/7/90	1	320	4.20	3.81	0.0	72.1		0.18		3.24	8.97	100.9			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	3/22/90	1	315	4.20	3.80	0.0	64.0		0.19		2.95	7.90	81.8			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	4/4/90	2	298	4.00	3.85	0.0	60.9		0.16		2.99	7.80	110.2			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	4/17/90	2	387	3.90	3.67	0.0	105.1		0.36		3.42	13.97	181.3			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	5/3/90	2	346	4.00	3.77	0.0	78.3		0.19		3.28	10.45	140.9			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	5/17/90	7	524	3.70	3.56	0.0	136.6		0.44		5.93	19.53	255.7			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	5/31/90	2	371	4.00	3.71	0.0	83.0		0.28		3.36	11.10	167.1			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	6/13/90	2	356	3.90	3.69	0.0	77.3		0.58		2.96	9.87	141.5			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	6/28/90	1	365	3.80	3.60	0.0	73.5		2.11		2.84	6.14	155.1			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	7/13/90	3	486	3.80	3.59	0.0	98.2		0.43		3.71	11.79	206.8			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	7/26/90	1	403	3.90	3.63	0.0	83.4		1.32		3.35	10.04	169.7			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	8/9/90	1	422	3.80	3.52	0.0	70.2		1.65		3.26	8.76	149.8			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	8/21/90	1	415	3.60	3.37	0.0	72.0		9.09		3.37	5.53	147.8			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	9/14/90	1	373	3.60	3.72	0.0	65.6		1.08		3.25	6.66	154.5			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	9/24/90	1	373	3.70	3.57	0.0	58.1		1.83		3.09	6.51	140.0			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	9/28/90	1	373	3.60	3.69	0.0	64.7		1.08		3.26	6.84	148.3			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	10/29/90	3	372	3.90	3.66	0.0	106.6		0.45		3.22	11.31	173.1			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	11/9/90	2	367	3.90	3.69	0.0	94.4		0.55		3.55	10.09	166.9			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	11/24/90	2	376	3.50	3.69	0.0	83.8		0.41		3.40	11.71	158.1			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	12/19/90	25	468	3.80	3.66	0.0	79.2		1.05		3.60	10.71	213.8			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	12/31/90	19	467	3.70	3.67	0.0	74.0		0.49		3.05	10.03	217.0			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	1/7/91	12	464	3.80	3.68	0.0	73.7		0.31		3.08	10.26	216.1			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	1/28/91	2	333	3.90	3.67	0.0	61.7		0.22		2.41	8.74	140.5			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	2/27/91	3	389	3.60	3.66	0.0	363.4		0.25		2.77	11.68	170.0			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	3/7/91	14	457	3.70	3.74	0.0	87.3		0.23		2.96	9.23	212.5			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	3/15/91	3	394	3.40	3.66	0.0	88.4		0.23		2.70	10.99	169.2			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	4/5/91	1	356	3.90	3.72	0.0	73.9		0.24		3.13	9.56	148.2			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	4/16/91	3	360	3.80	3.67	0.0	89.8		0.28		2.72	10.39	156.9			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	5/3/91	2	360	3.80	3.68	0.0	91.7		0.27		2.71	10.30	154.9			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	5/10/91	16	403	3.90	3.66	0.0	97.5		0.30		3.83	12.45	181.1			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	5/21/91	1	354	4.00	3.74	0.0	76.7		0.73		3.37	8.64	156.9			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	6/11/91	0	434	3.50	3.37	0.0	59.8		9.65		3.71	4.13	158.3			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	7/12/91	16	459	4.00	3.74	0.0	62.6		0.33		2.17	6.90	190.1			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	8/6/91	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	9/23/91	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	10/11/91	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	11/5/91	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	12/13/91	4	375	4.20	4.06	0.0	79.0		0.28		3.40	8.88	165.5			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	1/7/92	1	351	4.50	4.01	0.0	95.0		0.30		3.11	9.64	170.8			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	4/1/92	2	254	3.90	3.89	0.0	76.1		0.11		2.12	10.10	108.5			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	9/28/92	0	229	4.00	4.11	0.0	55.8		7.36		1.55	7.93	76.9			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	12/24/92	2	260	5.50	3.91	0.0	73.8		0.09		2.15	8.99	104.6			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	1/11/93	1	253	4.50	3.91	0.0	65.4		0.14		2.42	8.28	97.1			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	6/10/93	1	210	4.90	3.87	0.0	50.9		0.43		1.69	5.30	68.2			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	7/2/93	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	12/14/93	1	273	4.40	3.98	0.0	62.7		0.18		2.10	7.91	96.4			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	3/7/94	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	6/23/94	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	8/12/94	0														Mears Enterprises, Inc.	32900102

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-024	MP-2	11/1/94		188	4.80	3.97	0.0	32.4		1.98		2.94	5.66	60.5			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	1/9/95	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	6/23/95	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	9/12/95	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	11/14/95	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	1/18/96	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	5/4/96	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	7/30/96	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	10/15/96	1	1358	7.00	6.30	20.9	15.5		0.11		1.23	0.12	657.2			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	2/26/97	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	5/2/97	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	7/14/97	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	11/17/97	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	3/16/98		0		6.30	34.0			0.33		0.05	<0.50	41.2			Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	5/20/98	0														Mears Enterprises, Inc.	32900102
UTLC-024	MP-2	7/23/98	0														Mears Enterprises, Inc.	32900102
UTLC-025	MP-38	3/28/01	6	582	6.90	8.00	172.0			5.05		0.62	2.47	134.0			Kraynak Coal Company	32980111
UTLC-025	MP-38	6/27/01	8	466	6.90	7.90	150.0			0.38		0.04	0.12	71.0			Kraynak Coal Company	32980111
UTLC-025	MP-38	9/28/01	25	672	7.80	7.90	204.0			0.15		0.02	0.11	136.0			Kraynak Coal Company	32980111
UTLC-025	MP-38	12/28/01	40	451		7.60	98.0			0.11		0.04	0.05	118.0			Kraynak Coal Company	32980111
UTLC-025	MP-38	3/27/02	100	283	6.80	7.40	58.0			0.23		0.03	0.16	57.0			Kraynak Coal Company	32980111
UTLC-025	MP-38	5/8/02	100	319	7.00	7.70	80.0			0.38		0.07	0.23	68.0			Kraynak Coal Company	32980111
UTLC-025	MP-38	9/9/02	10	513		8.10	140.0			0.37		0.11	0.13	126.0			Kraynak Coal Company	32980111
UTLC-026	MP-39	3/28/01	8	455	7.40	7.90	146.0			0.10		0.03	0.07	60.0			Kraynak Coal Company	32980111
UTLC-026	MP-39	6/27/01	10	667	6.70	8.10	194.0			0.58		0.03	0.43	142.0			Kraynak Coal Company	32980111
UTLC-026	MP-39	9/28/01	20	499	7.90	7.80	134.0			0.51		0.26	0.13	113.0			Kraynak Coal Company	32980111
UTLC-026	MP-39	12/28/01	35	662		7.80	188.0			0.04		0.01	0.02	141.0			Kraynak Coal Company	32980111
UTLC-026	MP-39	3/27/02	100	373	7.00	7.70	110.0			0.19		0.01	0.18	63.0			Kraynak Coal Company	32980111
UTLC-026	MP-39	5/8/02	100	493	7.10	8.00	156.0			0.12		0.02	0.08	80.0			Kraynak Coal Company	32980111
UTLC-026	MP-39	9/9/02	5	633		8.20	204.0			0.84		0.08	0.35	144.0			Kraynak Coal Company	32980111
UTLC-027	MP-16	6/23/99	5	322	4.00	3.51	0.0	53.5		0.60		2.11	2.86	90.1			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	7/22/99	5	342	4.00	4.06	0.0	51.9		1.02		2.56	3.96	111.8			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	8/11/99	3	366	4.00	3.72	0.0	54.8		0.85		2.52	4.45	120.2			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	9/9/99	2	372	4.00	3.17	0.0	64.3		1.23		2.14	4.61	119.1			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	10/22/99	1	384	4.00	3.60	0.0	44.9		2.21		2.39		117.9			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	11/10/99	1	415	4.00	3.20	0.0	48.9		10.26		2.66	2.87	103.2			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	4/27/00	40	0		4.00	2.4	42.0		<0.3		1.60	2.88	70.1			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	5/4/00	7	303	4.00	3.54	0.0	35.2		0.06		1.74	2.83	89.6			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	9/5/00	11	335	4.00	3.43	0.0	43.5		0.31		2.70	4.09	113.4			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	12/4/00	7	325	4.00	3.70	0.0	41.3		0.16		2.31	3.28	95.0			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	2/22/01	25	260	4.20	3.95	0.0	26.0		0.10		1.48	2.03	69.7			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	5/15/01	8	292	4.40	3.84	0.0	36.7		0.38		1.79	2.52	85.2			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	5/24/01	10	0		3.80	0.0	36.0		<0.3		2.02	2.96	76.5			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	7/31/01	5	352	4.00	3.71	0.0	42.1		0.90		2.74	4.58	126.0			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	11/30/01	7	253	4.00	3.85	0.0	34.7		1.24		1.45	2.27	76.3			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	1/15/02		0		3.70	0.0	89.0		0.57		2.81	4.76	91.2			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	3/1/02	5	341	4.00	3.66	0.0	45.8		0.39		2.38	4.17	107.3			Mears Enterprises, Inc.	32990111
UTLC-027	MP-16	6/6/02	4	340	5.50	7.25	51.2	2.9		1.67		0.27	1.15	97.4			Mears Enterprises, Inc.	32990111
UTLC-028	MP-2	3/30/00	21	449	6.80	6.95	69.9	1.7		0.57		0.11	0.17	95.5			S&M Mining	32000103

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-028	MP-2	4/18/00	17	481	7.00	6.96	64.3	3.6		2.28		0.18	0.49	102.6			S&M Mining	32000103
UTLC-028	MP-2	4/26/00	24	496	6.60	6.85	80.1	5.1		1.02		0.12	0.16	92.7			S&M Mining	32000103
UTLC-028	MP-2	5/4/00	14	456	6.50	6.89	79.7	8.3		1.12		0.12	0.38	88.6			S&M Mining	32000103
UTLC-028	MP-2	5/17/00	10	515	6.70	7.08	148.2	6.0		0.41		2.88	6.31	87.8			S&M Mining	32000103
UTLC-028	MP-2	6/7/00	22	478	6.80	7.22	90.5	1.1		0.99		0.14	0.45	80.8			S&M Mining	32000103
UTLC-028	MP-2	6/23/00	12	508	6.70	7.23	83.1	2.5		0.85		0.19	0.70	94.6			S&M Mining	32000103
UTLC-028	MP-2	7/14/00	2	515	7.00	6.70	92.1	1.3		0.47		0.15	<0.10	80.8			S&M Mining	32000103
UTLC-028	MP-2	7/21/00	0	516	6.50	7.43	89.7	3.7		0.68		0.16	0.51	87.9			S&M Mining	32000103
UTLC-028	MP-2	8/9/00	10	503	6.70	7.49	89.3	2.4		0.70		0.13	<0.10	81.8			S&M Mining	32000103
UTLC-028	MP-2	8/30/00	16	521	6.70	7.37	92.9	5.7		0.73		0.12	<0.10	92.7			S&M Mining	32000103
UTLC-028	MP-2	9/5/00	12	526	6.50	7.12	92.1	3.2		2.59		0.17	<0.10	94.8			S&M Mining	32000103
UTLC-028	MP-2	9/20/00	10	543	6.50	7.05	98.0	14.5		0.94		0.11	0.38	76.3			S&M Mining	32000103
UTLC-028	MP-2	10/4/00	10	545	6.80	7.04	96.8	13.5		2.28		0.14	0.58	78.7			S&M Mining	32000103
UTLC-028	MP-2	10/18/00	1	526	6.00	7.72	100.3	4.9		0.35		0.09	<0.10	81.8			S&M Mining	32000103
UTLC-028	MP-2	11/3/00	2	542	7.00	7.65	102.8	4.9		0.35		0.12	<0.10	80.0			S&M Mining	32000103
UTLC-028	MP-2	11/17/00	10	544	6.70	7.24	102.8	5.2		0.35		0.08	<0.10	87.9			S&M Mining	32000103
UTLC-028	MP-2	12/4/00	5	540	6.70	7.31	103.3	5.9		0.26		0.07	<0.10	88.9			S&M Mining	32000103
UTLC-028	MP-2	12/19/00	12	527	7.00	7.26	99.5	13.2		0.60		0.11	<0.10	95.1			S&M Mining	32000103
UTLC-028	MP-2	1/3/01	12	533	7.10	7.38	100.5	2.5		0.37		0.08	<0.10	99.0			S&M Mining	32000103
UTLC-028	MP-2	1/24/01	14	537	4.20	7.27	102.0	2.9		0.90		0.21	<0.10	91.6			S&M Mining	32000103
UTLC-028	MP-2	2/14/01	12	525	6.90	7.59	91.1	8.9		0.76		0.12	<0.10	101.6			S&M Mining	32000103
UTLC-028	MP-2	2/21/01	17	498	6.90	7.23	86.8	8.0		0.66		0.13	<0.10	78.7			S&M Mining	32000103
UTLC-028	MP-2	3/7/01	17	505	6.90	7.29	82.6	4.4		1.25		0.14	0.14	90.4			S&M Mining	32000103
UTLC-028	MP-2	3/21/01	12	506	7.00	7.70	88.3	4.0		0.70		0.12	0.13	94.2			S&M Mining	32000103
UTLC-028	MP-2	4/18/01	12	486	7.00	7.18	81.2	6.3		0.78		0.11	0.10	89.7			S&M Mining	32000103
UTLC-028	MP-2	5/24/01	4	522	7.20	6.85	91.9	2.0		0.59		0.14	<0.10	77.1			S&M Mining	32000103
UTLC-028	MP-2	6/6/01	2	633	6.50	6.43	3.9	4.1		0.43		0.16	0.27	51.7			S&M Mining	32000103
UTLC-028	MP-2	6/11/01	6	0		6.80	106.0			0.62		0.16	<0.50	83.7			S&M Mining	32000103
UTLC-028	MP-2	6/13/01	9	538	7.10	7.92	94.0	1.6		0.87		0.15	<0.10	86.6			S&M Mining	32000103
UTLC-028	MP-2	11/8/01		0		6.70	110.0			0.46		0.11	<0.50	138.9			S&M Mining	32000103
UTLC-028	MP-2	10/24/02	7			7.30				0.86		0.14	<0.50				S&M Mining	32000103
UTLC-029	MP-3	3/30/00	5	736	4.50	4.18	0.0	20.8		0.71		0.48	3.13	309.3			S&M Mining	32000103
UTLC-029	MP-3	4/18/00	0	882	4.00	3.84	0.0	52.7		2.14		0.96	9.27	398.4			S&M Mining	32000103
UTLC-029	MP-3	4/26/00	1	828	4.00	3.87	0.0	57.3		0.09		0.76	9.24	409.0			S&M Mining	32000103
UTLC-029	MP-3	5/4/00	0	855	4.00	3.92	0.0	72.3		0.11		0.82	10.60	426.5			S&M Mining	32000103
UTLC-029	MP-3	5/17/00	1	868	4.40	3.78	0.0	75.3		0.18		0.73	11.22	416.1			S&M Mining	32000103
UTLC-029	MP-3	6/7/00	0	782	4.00	3.68	0.0	65.7		0.12		0.73	10.56	360.1			S&M Mining	32000103
UTLC-029	MP-3	6/23/00	0	759	4.00	4.13	0.0	65.1		0.26		0.75	9.23	373.1			S&M Mining	32000103
UTLC-029	MP-3	7/14/00	0	803	4.50	3.50	0.0	72.3		0.24		0.76	8.95	398.6			S&M Mining	32000103
UTLC-029	MP-3	7/21/00	0	793	5.00	3.59	0.0	76.1		0.23		0.71	9.19	369.5			S&M Mining	32000103
UTLC-029	MP-3	8/9/00	0	609	4.10	3.65	0.0	61.1		0.14		0.49	4.41	254.0			S&M Mining	32000103
UTLC-029	MP-3	8/30/00	1	738	4.00	3.95	0.0	58.3		0.29		0.49	5.72	332.5			S&M Mining	32000103
UTLC-029	MP-3	9/5/00	1	743	4.00	3.45	0.0	47.6		0.26		0.55	5.83	370.4			S&M Mining	32000103
UTLC-029	MP-3	9/20/00	0	762	4.00	3.86	0.0	51.1		0.72		0.41	4.93	289.4			S&M Mining	32000103
UTLC-029	MP-3	10/4/00	1	753	4.50	3.88	0.0	49.1		0.28		0.36	4.38	304.0			S&M Mining	32000103
UTLC-029	MP-3	10/18/00	0	541	4.50	4.08	0.0	31.5		0.10		0.26	2.59	196.0			S&M Mining	32000103
UTLC-029	MP-3	11/3/00	0	669	5.00	3.99	0.0	42.0		0.23		0.30	3.37	267.4			S&M Mining	32000103
UTLC-029	MP-3	11/17/00	1	674	4.20	3.85	0.0	33.6		0.24		0.32	3.07	263.6			S&M Mining	32000103
UTLC-029	MP-3	12/4/00	1	647	4.20	4.04	0.0	55.6		0.14		0.27	2.93	234.9			S&M Mining	32000103

**Blacklick Creek Watershed Assessment / Restoration Plan**

**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-029	MP-3	12/19/00	2	486	4.40	4.15	0.0	56.9		0.17		0.21	1.62	165.1			S&M Mining	32000103
UTLC-029	MP-3	1/3/01	2	588	4.70	4.08	0.0	23.3		0.28		0.28	2.03	233.5			S&M Mining	32000103
UTLC-029	MP-3	1/24/01	2	614	6.60	4.15	0.0	26.4		0.64		0.27	2.19	227.3			S&M Mining	32000103
UTLC-029	MP-3	2/14/01	2	508	4.00	4.63	<0.1	23.7		0.11		0.28	1.61	179.5			S&M Mining	32000103
UTLC-029	MP-3	2/21/01	2	634	4.00	4.18	0.0	35.7		0.14		0.33	2.41	259.3			S&M Mining	32000103
UTLC-029	MP-3	3/7/01	1	900	4.20	3.97	0.0	59.9		0.20		0.81	8.64	391.1			S&M Mining	32000103
UTLC-029	MP-3	3/21/01	2	764	4.00	4.02	0.0	67.5		0.09		0.69	8.60	347.4			S&M Mining	32000103
UTLC-029	MP-3	4/18/01	9	506	4.50	3.87	0.0	41.7		0.15		0.38	4.34	192.9			S&M Mining	32000103
UTLC-029	MP-3	5/24/01	12	880	4.30	3.61	0.0	92.3		0.58		0.75	11.53	355.1			S&M Mining	32000103
UTLC-029	MP-3	6/13/01	4	721	4.00	3.57	0.0	69.5		0.44		0.72	8.48	310.4			S&M Mining	32000103
UTLC-029	MP-3	7/3/01	4	716	4.00	3.48	0.0	70.3		0.31		0.54	7.04	282.4			S&M Mining	32000103
UTLC-029	MP-3	8/1/01	4	748	4.00	3.62	0.0	58.5		2.51		0.60	7.01	308.2			S&M Mining	32000103
UTLC-029	MP-3	9/5/01	2	680	4.00	3.72	0.0	62.7		0.29		0.45	4.94	246.1			S&M Mining	32000103
UTLC-029	MP-3	10/3/01	9	515	7.00	7.37	101.3	4.9		0.34		0.12	<0.10	78.1			S&M Mining	32000103
UTLC-029	MP-3	11/8/01		0		4.00	12.6	51.4		<0.3		0.35	2.09	582.5			S&M Mining	32000103
UTLC-029	MP-3	11/20/01	2	532	6.50	7.30	99.3	7.6		0.36		0.11	0.20	83.9			S&M Mining	32000103
UTLC-029	MP-3	12/26/01	3	508	4.00	4.03	0.0	22.0		0.10		0.26	1.21	173.5			S&M Mining	32000103
UTLC-029	MP-3	1/23/02	4	504	4.00	4.01	0.0	22.1		0.06		0.21	1.03	179.2			S&M Mining	32000103
UTLC-029	MP-3	2/6/02	5	473	4.50	4.34	0.0	17.5		0.06		0.19	0.90	170.1			S&M Mining	32000103
UTLC-029	MP-3	3/12/02	4	505	5.50	4.99	1.7	8.9		<0.04		0.21	0.76	206.5			S&M Mining	32000103
UTLC-029	MP-3	4/11/02	4	571	5.00	4.69	1.2	2.5		0.16		0.40	3.29	229.7			S&M Mining	32000103
UTLC-029	MP-3	5/20/02	6	486	4.00	4.03	0.0	42.0		0.24		0.34	4.54	201.6			S&M Mining	32000103
UTLC-029	MP-3	6/11/02	4	591	4.00	3.72	0.0	51.7		0.60		0.43	6.15	232.4			S&M Mining	32000103
UTLC-029	MP-3	7/30/02	1	541	7.50	7.61	56.6	1.7		0.56		0.05	0.62	139.2			S&M Mining	32000103
UTLC-029	MP-3	8/30/02	0	700	4.00	3.56	0.0	60.5		0.62		0.45	4.85	261.3			S&M Mining	32000103
UTLC-029	MP-3	10/24/02	5			5.40	0.0	34.2		<0.3		0.24	1.05				S&M Mining	32000103
UTLC-031	MP-4	5/6/87	5	1100	5.70	3.90	0.0	18.0		9.40		2.00		597.0			FNR Mining Company	32880102
UTLC-031	MP-4	6/16/87	3	1900		3.10	0.0	124.0		9.40		4.00		1230.0			FNR Mining Company	32880102
UTLC-031	MP-4	9/28/87	5	1425	3.60	3.50	0.0	72.0		9.10		2.30		76.0			FNR Mining Company	32880102
UTLC-031	MP-4	12/28/87	3	1075	4.40	4.10	2.0	44.0		10.30		2.21		700.0			FNR Mining Company	32880102
UTLC-031	MP-4	2/20/88	5	1290	3.90	3.70	0.0	74.0		10.00		2.54		784.0			FNR Mining Company	32880102
UTLC-031	MP-4	3/23/88	2	1150	4.50	4.50	6.0	48.0		3.87		1.03		832.0			FNR Mining Company	32880102
UTLC-031	MP-4	8/22/88	1	260	3.90	3.50	0.0	142.0		7.90		3.77		110.0			FNR Mining Company	32880102
UTLC-031	MP-4	11/15/88	2	1160	3.60	3.30	0.0	62.0		4.09		2.52		807.0			FNR Mining Company	32880102
UTLC-031	MP-4	3/27/89	25	920	5.20	7.00	44.0			0.28		3.78		526.0			FNR Mining Company	32880102
UTLC-031	MP-4	6/26/89	4	940	6.90	6.40	71.5	11.2		0.16				350.0			FNR Mining Company	32880102
UTLC-031	MP-4	9/12/89	5	1200	5.60	6.40	94.8	6.6		0.30		0.12		520.0			FNR Mining Company	32880102
UTLC-031	MP-4	12/29/89	22	868	6.90	7.60	87.0			0.20		0.36		370.0			FNR Mining Company	32880102
UTLC-031	MP-4	3/13/90	6	986	7.20	7.60	110.0			0.12		0.17		410.0			FNR Mining Company	32880102
UTLC-031	MP-4	5/30/90	4	920	7.30	7.70	152.0			0.01		0.07		438.0			FNR Mining Company	32880102
UTLC-031	MP-4	9/27/90	8	1050		7.50	144.0			0.01		0.18		646.0			FNR Mining Company	32880102
UTLC-031	MP-4	12/10/90	27	780	7.90	7.00	128.0			0.05		0.05		429.0			FNR Mining Company	32880102
UTLC-031	MP-4	3/13/91	12	590	7.20	7.40	108.0			0.01		0.02		384.0			FNR Mining Company	32880102
UTLC-033	8	10/28/87	1	690	3.60	3.40	0.0	100.0		0.82		1.57		401.0			FNR Mining Company	32880109
UTLC-033	8	12/10/87	5	450	3.90	3.60	0.0	80.0		0.20		0.76		220.0			FNR Mining Company	32880109
UTLC-033	8	7/6/88	1	600	3.60	3.30	0.0	72.0		1.16		2.02		329.0			FNR Mining Company	32880109
UTLC-033	8	8/23/88	2	800	3.90	3.50	0.0	86.0		0.51		1.52		352.0			FNR Mining Company	32880109
UTLC-033	8	11/15/88	1	800	3.60	3.40	0.0	108.0		0.73		1.87		513.0			FNR Mining Company	32880109
UTLC-033	8	12/14/88	2	750	4.20	3.50	0.0	82.0		0.40		1.15		429.0			FNR Mining Company	32880109



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
UTLC-033	8	7/14/89	1	440	3.60	3.30	0.0	51.8		0.52		1.68		114.0			FNR Mining Company	32880109
UTLC-033	8	9/12/89	1	670	3.80	3.40	0.0	90.7		1.40		2.83		310.0			FNR Mining Company	32880109
UTLC-033	8	11/29/89	1	962	4.10	3.20	0.0	142.0		1.85		2.80		470.0			FNR Mining Company	32880109
UTLC-033	8	3/13/90	1	789	3.90	3.30	0.0	94.0		0.88		2.61		350.0			FNR Mining Company	32880109
UTLC-033	8	5/30/90	1	800	3.00	3.30	0.0	106.0		1.07		2.06		376.0			FNR Mining Company	32880109
UTLC-033	8	9/27/90	1	950		3.30	0.0	150.0		1.60		2.51		582.0			FNR Mining Company	32880109
UTLC-033	8	12/10/90	4	820	3.70	3.30	0.0	110.0		1.12		2.14		429.0			FNR Mining Company	32880109
UTLC-033	8	3/13/91	4	650	3.20	3.50	0.0	62.0		0.32		2.30		401.0			FNR Mining Company	32880109
UTLC-033	8	6/17/91	2	900	3.50	3.40	0.0	110.0		1.08		3.02		597.0			FNR Mining Company	32880109
UTLC-033	8	9/24/91	1	1000	3.30	3.40	<0.1	120.0		1.50		3.66		474.0			FNR Mining Company	32880109
UTLC-033	8	12/20/91	1	827	3.40	3.50	<0.1	96.0		1.85		2.26		600.0			FNR Mining Company	32880109
UTLC-033	8	2/5/92	2	872	3.50	3.40	<0.1	86.0		0.59		1.84		424.0			FNR Mining Company	32880109
UTLC-033	8	5/27/92	1	1070	3.40	3.40	<0.1	116.0		0.86		2.30		510.0			FNR Mining Company	32880109
UTLC-033	8	9/3/92	1	841	3.50	3.40	<0.1	43.0		0.86		1.52		409.0			FNR Mining Company	32880109
UTLC-033	8	12/15/92	1	1030	3.40	3.40	<0.1	95.0		0.63		0.35		257.0			FNR Mining Company	32880109
UTLC-033	8	2/4/93	1	968	3.40	3.60	<0.1	78.0		0.43		2.04		450.0			FNR Mining Company	32880109
UTLC-033	8	4/19/93	4	656	3.70	3.60	0.0	45.0		0.38		1.70		322.0			FNR Mining Company	32880109
UTLC-033	8	8/3/93	3	669	3.50	3.50	0.0	58.0		0.76		1.70		310.0			FNR Mining Company	32880109
UTLC-033	8	11/11/93	2	761	3.50	3.50	0.0	76.0		0.80		1.80		468.0			FNR Mining Company	32880109
UTLC-033	8	3/16/94	13	505	3.70	3.90	0.0	38.0		0.26		1.60		50.0			FNR Mining Company	32880109
UTLC-033	1200344	6/1/02		1030		3.19	1.0	56.8		1.81		2.36	3.44	480.0	1		ICCD - Multi County	
UTLC-035	3042040	11/3/86	2334	170	7.20	6.00		0.1	0.0	0.33		<0.05	<0.135		188		USGS	
UTLC-035	3042040	5/11/87	808	105	7.30	7.20		0.0	0.0	0.23		<0.05	0.14	23.0	92		USGS	
UTLC-035	3042040	10/19/87	2154	170	8.50	7.10			0.0	0.12		<0.05	<0.135		116		USGS	
UTLC-035	WQN0854	1/25/88			6.80	6.50	16.0			0.16		0.02	<0.135	18.0		<2	STORET	
UTLC-035	WQN0854	2/17/88			7.10	6.50	22.0			0.18		0.02	0.19	42.0		<2	STORET	
UTLC-035	WQN0854	3/14/88		190	7.20	6.40	16.0			0.13		0.02	<0.135	32.0		6	STORET	
UTLC-035	WQN0854	4/14/88		110	7.20	7.20	24.0			0.22		0.03	0.23	30.0		<2	STORET	
UTLC-035	WQN0854	5/11/88		95	6.80	6.40	22.0			0.26		0.02	0.20	23.0		<2	STORET	
UTLC-035	3042040	5/31/88	2873	143	7.40	7.50			0.0	0.28		<0.05	0.28		100		USGS	
UTLC-035	WQN0854	6/13/88		242	8.00	6.80	56.0			0.72		0.08	0.17	25.0		6	STORET	
UTLC-035	WQN0854	7/5/88		282	7.80	7.10	80.0			0.28		0.04	0.25	59.0		2	STORET	
UTLC-035	WQN0854	8/9/88		244		7.20	68.0			0.27		0.04	0.16	33.0		<2	STORET	
UTLC-035	3042040	8/17/88	49	212	7.80	7.90			0.0	0.24		0.06	0.58		128		USGS	
UTLC-035	WQN0854	9/8/88		184	7.90	6.90	58.0			0.50		0.03	0.24	41.0		6	STORET	
UTLC-035	WQN0854	10/3/88		150	7.40	7.20	54.0			0.19		0.03	0.24	29.0		10	STORET	
UTLC-035	WQN0854	11/9/88		123	6.80	6.40	20.0			0.18		0.07	0.18	31.0		<2	STORET	
UTLC-035	WQN0854	12/6/88		131	7.60	6.50	24.0			0.13		0.03	<0.135	26.0		<2	STORET	
UTLC-035	WQN0854	1/2/89		119	7.50	6.40	18.0			0.17		0.02	0.17	28.0		<2	STORET	
UTLC-035	WQN0854	2/7/89		120	6.40	6.90	20.0			0.09		0.02	<0.135	26.0		<2	STORET	
UTLC-035	WQN0854	3/8/89		152	6.00	6.80	14.0			0.25		0.03	0.16	27.0		8	STORET	
UTLC-035	WQN0854	4/25/89		198	7.20	6.70	34.0			0.14		0.03	<0.135	36.0		2	STORET	
UTLC-035	WQN0854	5/18/89		85	6.50	7.10	12.0			0.21		0.02	<0.135	22.0		4	STORET	
UTLC-035	WQN0854	6/14/89		125	6.90	7.30	28.0			0.46		0.05	0.29	34.0		6	STORET	
UTLC-035	WQN0854	7/6/89		90	6.00	6.40	16.0			0.85		0.07	0.59	22.0		14	STORET	
UTLC-035	WQN0854	8/10/89		165	6.80	6.70	50.0			0.24		0.03	<0.135	33.0		6	STORET	
UTLC-035	WQN0854	9/12/89		150	7.20	7.80	44.0			0.33		0.03	<0.135	33.0		<2	STORET	
UTLC-035	WQN0854	10/4/89		130		7.40	36.0			0.25		0.04	<0.135	33.0		3	STORET	
UTLC-035	WQN0854	11/7/89		124	7.20	7.40	30.0			0.13		0.03	<0.135	33.0		<2	STORET	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-035	WQN0854	12/5/89		114		7.10	24.0			0.11		0.02	<0.135	34.0		<2	STORET	
UTLC-035	WQN0854	1/3/90		96	7.20	6.80	11.0			0.27		0.04	0.21	23.0		16	STORET	
UTLC-035	WQN0854	2/8/90		121	6.70	7.00	14.0			0.14		0.02	<0.135	34.0		<2	STORET	
UTLC-035	WQN0854	3/13/90		123	6.30	7.10	22.0			0.19		0.02	<0.135	35.0		14	STORET	
UTLC-035	WQN0854	4/16/90		101	7.30	6.80	16.0			0.20		0.03	0.14	30.0		40	STORET	
UTLC-035	WQN0854	5/10/90		92	6.90	7.10	22.0			0.75		0.06	0.58	17.0		<2	STORET	
UTLC-035	WQN0854	6/19/90	5386	115	6.80	7.50	32.0			0.36		0.05	0.25	31.0		6	STORET	
UTLC-035	WQN0854	7/18/90	10323	101	7.50	7.10	18.0			0.43		0.04	0.22	32.0		2	STORET	
UTLC-035	WQN0854	8/16/90	314	191	7.40	7.50	52.0			0.19		0.02	0.15	33.0		2	STORET	
UTLC-035	WQN0854	9/19/90	2110	138	7.80	7.10	38.0			0.29		0.05	<0.135	30.0	140		STORET	
UTLC-035	WQN0854	10/17/90	7630	101	7.20	7.10	20.0			0.20		0.04	0.14	26.0	110		STORET	
UTLC-035	WQN0854	11/7/90	3097	118	6.80	7.30	34.0			0.15		0.03	<0.135	35.0	110		STORET	
UTLC-035	WQN0854	12/11/90		70	7.50	6.90	22.0		0.0	0.10		0.02	0.30	29.0	66		STORET	
UTLC-035	WQN0854	12/12/90	6688	99	6.70	7.00	22.0			0.31		0.04	0.19	31.0	98		STORET	
UTLC-035	WQN0854	1/15/91	10144	125	6.40	6.90	18.0			0.15		0.03	0.15	32.0	48		STORET	
UTLC-035	WQN0854	2/4/91	16023	111	6.40	6.60	16.0			0.23		0.05	0.15	29.0	100		STORET	
UTLC-035	WQN0854	3/19/91	24372	125	6.90	6.80	14.0			0.66		0.03	0.56	31.0	96		STORET	
UTLC-035	WQN0854	4/11/91	6957	137	7.10	6.90	24.0			0.40		0.03	0.25	35.0	110		STORET	
UTLC-035	WQN0854	5/1/91	9874	125	6.50	7.30	20.0			0.30		0.03	0.17	23.0	126		STORET	
UTLC-035	WQN0854	6/13/91	943	219	7.30	7.60	56.0			0.37		0.07	0.20	31.0	146		STORET	
UTLC-035	WQN0854	7/16/91	1212	151	6.70	8.10	34.0			0.21		0.02	0.11	22.9	130		STORET	
UTLC-035	WQN0854	8/21/91	566	282	8.00	7.70	68.0			0.15		0.03	0.07	45.0	342		STORET	
UTLC-035	WQN0854	9/12/91	58	198	7.60	7.90	70.0			0.15		0.02	0.06	13.1	268		STORET	
UTLC-035	WQN0854	10/3/91	18	234	6.80	7.80	72.0			0.09		0.02	0.04	27.6	148		STORET	
UTLC-035	WQN0854	11/13/91	269	193	6.80	7.20	56.0			0.23		0.02	0.02	24.2	118		STORET	
UTLC-035	WQN0854	12/9/91	3905	144	5.80	6.80	17.0			0.16		0.02	0.08	27.2	186		STORET	
UTLC-035	WQN0854	1/8/92	2783	130	6.20	6.30	20.0			0.13		0.02	0.03	25.1	118		STORET	
UTLC-035	WQN0854	2/6/92	5386	138	6.60	7.20	20.0			0.17		0.03	0.05	24.6	62		STORET	
UTLC-035	WQN0854	3/2/92	14811	119	6.40	6.20	11.0			0.10		0.01	0.06	23.1	80		STORET	
UTLC-035	WQN0854	4/15/92	6239	142	7.40	6.90	22.0			0.12		0.02	0.05	27.4	106		STORET	
UTLC-035	WQN0854	5/12/92	2154	160	7.30	7.40	34.0			0.10		0.02	0.06	25.2	116		STORET	
UTLC-035	WQN0854	6/16/92	36	209	7.00	7.60	62.0			0.20		0.05	0.09	23.1	116	6	STORET	
UTLC-035	WQN0854	7/15/92	1827	147	6.90	7.60	34.0			0.32		0.04	0.17	22.3	136	<2	STORET	
UTLC-035	WQN0854	8/19/92	987	172	7.20	8.00	44.0			0.13		0.02	0.05	24.8	103	5	STORET	
UTLC-035	WQN0854	9/9/92	6508	136	7.20	6.90	30.0			0.61		0.04	0.38	21.6	83	7	STORET	
UTLC-035	WQN0854	10/8/92	628	187	8.00	7.20	48.0			0.13		0.02	0.03	27.9	122	<2	STORET	
UTLC-035	WQN0854	11/9/92	6688	127	7.30	6.90	20.0			0.10		0.02	0.05	24.0	46	<2	STORET	
UTLC-035	WQN0854	12/15/92		141	6.90	6.80	24.0			0.18		0.02	0.10	22.6	78	<2	STORET	
UTLC-035	WQN0854	1/4/93	17864	123	6.60	6.60	12.0			0.11		0.02	0.11	23.6	81	3	STORET	
UTLC-035	WQN0854	2/9/93	4040	190	6.20	6.90	32.0			0.19		0.03	0.05	29.4	127	3	STORET	
UTLC-035	WQN0854	3/9/93	40395	111	6.50	6.30	8.0			0.38		0.05	0.24	21.1	76	12	STORET	
UTLC-035	WQN0854	4/15/93	8528	140	6.40	7.20	24.0			0.17		0.02	0.07	25.1	69	15	STORET	
UTLC-035	WQN0854	5/10/93	3142	162	6.50	7.30	34.0			0.20		0.03	0.10	28.6	98	<2	STORET	
UTLC-035	WQN0854	6/10/93	14811	111	6.50	6.80	16.0			0.55		0.05	0.28	22.3	116	2	STORET	
UTLC-035	WQN0854	7/7/93	359	197	7.70	7.10	56.0			0.40		0.06	0.10	24.1	97	5	STORET	
UTLC-035	WQN0854	8/18/93	224	158	7.60	7.70	34.0			0.56		0.04	0.29	20.5	128	10	STORET	
UTLC-035	WQN0854	9/1/93	1436	168	7.00	6.60	42.0			0.39		0.05	0.10	22.4	124	10	STORET	
UTLC-035	WQN0854	10/7/93	6284	122	6.90	6.50	17.4			0.16		0.03	0.07	19.6	42	4	STORET	
UTLC-035	WQN0854	11/3/93	28276	124	6.90	6.60	17.8			0.30		0.03	0.10	23.2	122	8	STORET	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-035	WQN0854	12/6/93	31418	105	7.00	6.30	11.8			0.31		0.04	0.18	22.3	82	<2	STORET	
UTLC-035	WQN0854	2/15/94	12118	300	7.10	6.90	44.0			0.26		0.17	0.09	52.6	172	<2	STORET	
UTLC-035	WQN0854	3/23/94	35907	100	6.70	6.20	10.0			1.52		0.11	0.73	19.1	52	44	STORET	
UTLC-035	WQN0854	4/11/94	31418	113		6.30	15.0			0.64		0.07	0.29	25.1	86	22	STORET	
UTLC-035	WQN0854	5/3/94	17953	165	6.00	6.50	28.0			0.28		0.11	0.12	36.8	116	18	STORET	
UTLC-035	WQN0854	6/8/94	4488	417		7.00	98.0			0.46		0.20	0.06	95.3	250	<2	STORET	
UTLC-035	WQN0854	7/12/94	2244	563	8.20	8.00	138.0			0.63		0.16	0.11	134.0	362	8	STORET	
UTLC-035	WQN0854	8/16/94	2424	526	8.00	8.10	124.0			0.47		0.15	0.06	122.0	358	8	STORET	
UTLC-035	WQN0854	9/15/94	26930	152	7.80	6.40	17.2			3.42		0.33	3.05	38.2	146	48	STORET	
UTLC-035	WQN0854	10/12/94	3142	495	8.40	7.90	116.0			0.51		0.28	2.57	115.0	328	<2	STORET	
UTLC-035	WQN0854	11/17/94	26930	234	7.40	7.30	44.0			0.43		0.16	1.78	48.6	168	<2	STORET	
UTLC-035	WQN0854	12/6/94	31418	144	7.70	7.00	22.0			0.50		0.09	1.49	31.2	54	<2	STORET	
UTLC-035	WQN0854	1/17/95		248	7.10	7.30	46.0			0.27		0.14	0.28	58.4	142	<2	STORET	
UTLC-035	WQN0854	3/15/95	14363	253	7.20	6.90	48.0			0.34		0.13	0.09	56.7	150	<2	STORET	
UTLC-035	WQN0854	4/19/95	13465	326	7.00	7.10	66.0			0.48		0.13	0.09	72.4	216	8	STORET	
UTLC-035	WQN0854	5/3/95	3591	515	6.90	8.00	120.0			0.36		0.16	0.06	121.0	332	2	STORET	
UTLC-035	WQN0854	6/19/95	2244	790	7.70	8.30	198.0			0.34		0.15	0.04	199.0	496	8	STORET	
UTLC-035	WQN0854	7/6/95	3142														STORET	
UTLC-035	WQN0854	8/15/95	2244		7.60	8.20	246.0			0.45		0.14	0.04	206.0	560	<2	STORET	
UTLC-035	WQN0854	9/5/95	2244	1115	8.20	8.30	296.0			0.24		0.08	0.03	291.0	122	<2	STORET	
UTLC-035	WQN0854	10/17/95	2020	838	8.10	8.00	224.0			0.38		0.15	0.02	200.0	532	22	STORET	
UTLC-035	WQN0854	11/8/95	2693	527	8.00	8.00	130.0			0.39		0.14	0.02	116.0	352	12	STORET	
UTLC-035	WQN0854	12/18/95	3591	345	8.20	7.30	74.0			0.20		0.12	0.03	70.5	226	<2	STORET	
UTLC-035	WQN0854	2/21/96	31418	163	7.50	6.70	18.2			0.83		0.10	0.28	30.6	148	21	STORET	
UTLC-035	WQN0854	3/13/96	13465	276	7.50	6.90	56.0			0.24		0.09	0.08	57.6	186	<2	STORET	
UTLC-035	WQN0854	4/18/96	8977	370	7.40	7.20	84.0			0.23		0.12	0.05	80.0	278	<2	STORET	
UTLC-035	WQN0854	5/20/96	11221		7.40	7.50	84.0			0.25		0.06	0.05	69.3	200	2	STORET	
UTLC-035	WQN0854	6/5/96	4488	624	8.00	8.20	170.0			0.31		0.07	0.04	126.0	456	<2	STORET	
UTLC-035	WQN0854	7/11/96	2334		8.30	8.10	272.0			0.25		0.08	0.05	179.0	772	<2	STORET	
UTLC-035	WQN0854	8/21/96	20197		7.80	7.10	100.0			2.89		0.18	1.21	63.8	334	14	STORET	
UTLC-035	WQN0854	9/19/96	26930	237	7.60	6.70	58.0			0.30		0.04	0.11	43.4	174	16	STORET	
UTLC-035	WQN0854	10/15/96	3142		8.50	8.50	358.0			0.33		0.08	0.10	212.0	728	8	STORET	
UTLC-035	WQN0854	11/14/96	15709	360	6.70	7.40	96.0			0.26		0.04	0.16	63.4	257	<2	STORET	
UTLC-035	WQN0854	12/5/96	20197	300	8.37	7.20	72.0			0.23		0.04	0.14	51.3	164	<2	STORET	
UTLC-035	WQN0854	2/10/97	21544	407	7.90	7.90	114.0			0.24		0.04	0.08	74.5	242	<2	STORET	
UTLC-035	WQN0854	3/19/97	20197	396	8.90	8.50	112.0			0.23		0.04	0.08	72.3	278	4	STORET	
UTLC-035	WQN0854	4/7/97	13465	577	8.55	8.70	184.0			0.33		0.04	0.08	108.0	392	<2	STORET	
UTLC-035	WQN0854	5/15/97	4488	1000	8.80	8.80	336.0			0.36		0.04	0.05	176.0	718	12	STORET	
UTLC-035	WQN0854	6/11/97	5835	886	8.50	8.90	288.0			0.31		0.03	0.06	156.0	296	4	STORET	
UTLC-035	WQN0854	7/2/97	4488	942	8.50	8.60	316.0			0.49		0.04	<0.135	161.0	680	10	STORET	
UTLC-035	WQN0854	8/5/97	2244	1213	8.30	8.70	426.0			0.48		0.03	0.07	204.0	864	6	STORET	
UTLC-035	WQN0854	9/11/97	2244	1227	8.20	8.70	432.0			0.69		0.04	0.04	194.0	774	40	STORET	
UTLC-035	WQN0854	10/7/97		1073	8.00	8.50	378.0			0.42		0.03	0.02	172.0	696	4	STORET	
UTLC-035	WQN0854	11/5/97		600	7.80	8.30	194.0			0.42		0.04	0.03	102.0	444	<2	STORET	
UTLC-035	WQN0854	12/3/97		329	7.80	7.40	92.0			0.21		0.03	0.04	54.8	206	<2	STORET	
UTLC-035	WQN0854	1/7/98		308	7.50	7.20	80.0			0.27		0.02	0.10	53.6	200	<2	STORET	
UTLC-035	WQN0854	2/9/98		465	8.00	8.20	140.0			0.37		0.03	0.08	79.6	284	18	STORET	
UTLC-035	WQN0854	3/23/98		375	8.00	7.70	112.0			0.27		0.03	0.08	64.8	222	<2	STORET	
UTLC-035	WQN0854	4/21/98		209	7.58	7.00	54.0			0.27		0.03	0.14	36.7	138	26	STORET	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	
UTLC-035	WQN0854	5/14/98			8.70	8.00	98.0			0.30		0.04	0.07	54.4	54	6	STORET	
UTLC-035	WQN0854	6/23/98		747	8.50	8.40	266.0			0.38		0.03	0.06	114.0	496	<2	STORET	
UTLC-035	WQN0854	7/13/98		804	8.50	8.70	282.0			0.34		0.02	0.03	120.0	506	2	STORET	
UTLC-035	WQN0854	8/3/98		992	8.70	8.70	358.0			0.35		0.02	0.04	150.0	613	6	STORET	
UTLC-035	3042040	8/13/98	2917	1020	8.90	8.50		<0.1	<5.0	0.25		0.02	0.03				USGS	
UTLC-035	WQN0854	9/17/98	4488	833	8.50	8.60	304.0			0.33		0.03	0.06	119.0	498	<2	STORET	
UTLC-035	WQN0854	10/14/98	4040	642	8.50	8.40	230.0			0.33		0.04	0.05	88.6	426	4	STORET	
UTLC-035	9	6/1/02	5377	610		8.40	252.0	0.0		0.58		0.04	0.20	98.0	0		ICCD - Multi County	
UTLC-036	301395	6/1/02	15	185		5.45	20.0	1.0		1.81		0.85	0.18	51.0	6		ICCD - Multi County	
UTLC-037	301396	6/1/02	15	360		4.25	1.0	18.0		0.34		1.41	2.48	154.0	5		ICCD - Multi County	
UTLC-038	401069	6/1/02	25	2100		2.67	1.0	627.0		24.70		15.70	35.10	860.0	1		ICCD - Multi County	
UTLC-039	401070	6/1/02	700	500		5.87	7.2	3.6		0.44		1.38	2.81	235.0	11		ICCD - Multi County	
UTLC-040	401068	6/1/02	40	1500		3.18	1.0	326.0		68.00		16.10	36.40	775.0	1		ICCD - Multi County	
UTLC-041	401067	6/1/02	10	1000		5.82	39.2	99.0		59.40		6.70	0.48	435.0	3		ICCD - Multi County	
UTLC-042	401071	6/1/02	50	590		6.14	56.4	20.8		27.50		2.45	0.10	225.0	24		ICCD - Multi County	
UTLC-043	401066	6/1/02	200	185		4.45	1.0	13.6		0.58		1.22	2.12	66.0	7		ICCD - Multi County	
UTLC-044	1200339	6/1/02		650		4.25	1.0	24.0		3.43		0.61	4.26	335.0	10		ICCD - Multi County	
UTLC-045	101297	6/1/02		610		4.96	4.8	2.0		0.03		0.38	1.39	310.0	4		ICCD - Multi County	
UTLC-046	101298	6/1/02		400		6.63	100.4	1.0		8.60		1.84	0.10	72.0	41		ICCD - Multi County	
UTLC-047	101296	6/1/02		540		6.72	93.2	1.0		21.80		1.25	2.46	148.0	44		ICCD - Multi County	
UTLC-050	1200412	6/1/02		790		6.95	200.0	1.0		10.80		1.51	0.29	209.0	21		ICCD - Multi County	
UTLC-051	1200413	6/1/02		560		4.80	2.0	14.0		0.19		0.43	3.22	293.0	7		ICCD - Multi County	
UTLC-052	1200415	6/1/02		490		6.42	44.0	1.0		0.09		0.17	0.44	167.0	3		ICCD - Multi County	
UTLC-055	1200339A	6/1/02		650		4.25	1.0	24.0		3.43		0.61	4.26	335.0	10		ICCD - Multi County	
UTLC-057	101300	6/1/02		210		6.90	19.6	1.0		0.05		0.02	0.13	45.0	11		ICCD - Multi County	
UTLC-058	1200343	6/1/02		590		6.71	24.0	1.0		0.38		0.19	0.18	60.0	2		ICCD - Multi County	
UTLC-059	1200342	6/1/02		480		5.95	27.2	1.0		17.90		1.08	0.12	280.0	60		ICCD - Multi County	
UTLC-060	1200346	6/1/02		515		6.18	10.8	1.0		5.21		1.68	0.16	157.0	8		ICCD - Multi County	
UTLC-063	1200337	6/1/02		675		4.20	1.0	19.6		0.60		0.89	3.21	282.0	6		ICCD - Multi County	
UTLC-064	1200336	6/1/02		850		3.43	1.0	44.4		0.22		0.76	4.42	408.0	1		ICCD - Multi County	
UTLC-065	1200345	6/1/02		260		6.17	31.2	1.0		3.08		0.63	0.11	87.0	12		ICCD - Multi County	
UTLC-066	101301	6/1/02		145		7.04	23.6	1.0		0.11		0.02	0.11	28.0	3		ICCD - Multi County	
UTLC-068	1200332	6/1/02		710		3.77	1.0	33.2		0.16		1.10	3.66	360.0	2		ICCD - Multi County	
UTLC-069	1200334	6/1/02		920		3.49	1.0	43.2		0.41		2.34	5.11	492.0	95		ICCD - Multi County	
UTLC-071	1200331	6/1/02		750		3.89	1.0	44.0		5.70		5.60	6.48	345.0	9		ICCD - Multi County	
UTLC-074	1200327	6/1/02		770		3.12	1.0	65.6		3.94		0.89	9.23	395.0	104		ICCD - Multi County	
UTLC-075	1200328	6/1/02		790		3.08	1.0	68.4		0.69		0.78	7.84	378.0	1		ICCD - Multi County	
UTLC-076	1200140	6/1/02		410		3.60	1.0	28.0		0.26		0.42	2.57	174.0	1		ICCD - Multi County	
UTLC-077	301502	6/1/02	118	540		3.54	1.0	24.4		0.44		3.64	2.04	232.0	1		ICCD - Multi County	
UTLC-079	301504	6/1/02	20	410		4.87	1.2	9.2		1.71		2.73	0.10	176.0	1		ICCD - Multi County	
UTLC-080	301505	6/1/02	304	400		3.76	1.0	42.8		8.20		4.67	3.14	164.0	4		ICCD - Multi County	
UTLC-081	301506	6/1/02	45	1150		3.02	1.0	110.4		23.10		14.60	0.19	538.0	32		ICCD - Multi County	
UTLC-082	301507	6/1/02	5	300		5.80	10.8	6.0		13.10		4.98	0.66	128.0	22		ICCD - Multi County	
UTLC-083	301508	6/1/02	225	475		4.00	1.0	23.2		0.56		3.32	2.02	195.0	7		ICCD - Multi County	
UTLC-084	401039	6/1/02	50	450		3.22	1.0	37.6		0.31		4.06	4.59	196.0	3		ICCD - Multi County	
UTLC-085	401040	6/1/02	20	340		4.34	1.0	7.6		0.08		0.47	0.79	199.0	3		ICCD - Multi County	
UTLC-086	401041	6/1/02	50	275		4.68	1.0	6.8		0.07		0.36	0.12	103.0	2		ICCD - Multi County	
UTLC-087	401042	6/1/02	3	240		6.28	73.6	1.0		44.50		2.82	0.10	62.0	194		ICCD - Multi County	
UTLC-088	401043	6/1/02	25	250		6.09	49.2	1.0		14.40		1.38	0.10	48.0	18		ICCD - Multi County	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-089	401044	6/1/02	10	190		5.56	6.0	1.0		0.19		0.07	0.14	73.0	4		ICCD - Multi County	
UTLC-091	401118	6/1/02	200	500		6.87	124.0	1.0		1.58		0.22	0.10	109.0	5		ICCD - Multi County	
UTLC-092	601444	6/1/02	10	11900		2.26	1.0	1000.0		3329.00		17.00	922.00	12950.0	31		ICCD - Multi County	
UTLC-094	601446	6/1/02	20	590		4.73	1.6	25.2		0.47		0.43	2.96	250.0	6		ICCD - Multi County	
UTLC-096	301358	6/1/02		700		4.46	1.0	16.4		0.02		0.02	0.67	325.0	1		ICCD - Multi County	
UTLC-098	2	6/1/02	90	0		2.90	1.0	338.0		15.00		0.00	28.80	0.0	0		ICCD - Multi County	
UTLC-099	3	6/1/02	1	0		0.00	1.0	382.0		22.50		0.00	32.00	0.0	0		ICCD - Multi County	
UTLC-100	4	6/1/02	5	0		0.00	0.0	102.0		1.50		0.00	1.40	0.0	0		ICCD - Multi County	
UTLC-101	5	6/1/02	225	0		0.00	0.0	1.0		0.30		0.00	0.50	0.0	0		ICCD - Multi County	
UTLC-103	7	6/1/02	557	130		6.80	38.0	1.0		1.06		0.07	0.77	70.0	0		ICCD - Multi County	
UTLC-104	DEP-TL-2	7/22/98	5330	250		6.80	34.0	0.0		2.36	0.26	0.31	1.88	90.0			Twolick Study- PADEP	
UTLC-104	DEP-TL-2	7/23/98		450		6.80	42.0	0.0		1.13	0.29	0.42	0.39	156.0			Twolick Study- PADEP	
UTLC-104	8	6/1/02	5330	250		6.80	34.0	1.0		2.36		0.31	1.88	90.0	0		ICCD - Multi County	
UTLC-106	10	6/1/02	180	690		3.20	1.0	142.8		13.70		1.50	13.42	412.6	0		ICCD - Multi County	
UTLC-107	11	6/1/02	50	740		3.22	1.0	150.6		14.90		1.80	13.63	422.5	0		ICCD - Multi County	
UTLC-108	12	6/1/02	36	2160		2.42	1.0	1091.9		198.00		2.20	64.21	1457.5	0		ICCD - Multi County	
UTLC-110	DEP-TL-7	7/22/98	15077	500		7.80	108.0	0.0		1.12	0.10	0.18	0.54	121.0			Twolick Study- PADEP	
UTLC-110	14	6/1/02	15077	500		7.80	108.0	1.0		1.12		0.18	0.54	121.0	0		ICCD - Multi County	
UTLC-111	15	6/1/02	16922	520		7.60	114.0	1.0		1.62		0.22	1.13	125.0	0		ICCD - Multi County	
UTLC-112	16	6/1/02		270		6.87	45.7	1.0		0.60		0.10	0.29	56.2	0		ICCD - Multi County	
UTLC-113	41	6/1/02	17081	290		7.10	80.0	1.0		0.76		0.14	0.45	146.0	2		ICCD - Multi County	
UTLC-114	42	6/1/02		800		2.90	1.0	214.0		12.90		1.50	14.30	267.0	2		ICCD - Multi County	
UTLC-120	53	6/1/02	2146	310		6.96	8.2	24.0		1.00		1.10	3.44	177.0	0		ICCD - Multi County	
UTLC-121	54	6/1/02	95	400		3.48	1.0	92.1		2.50		0.90	9.17	285.0	0		ICCD - Multi County	
UTLC-122	55	6/1/02	31	570		2.73	1.0	236.9		12.10		0.90	16.63	376.0	0		ICCD - Multi County	
UTLC-123	56	6/1/02	1885	370		5.77	8.2	24.0		1.40		0.50	3.75	162.0	0		ICCD - Multi County	
UTLC-124	57	6/1/02	2551	720		6.70	20.6	14.5		1.90		0.80	3.09	175.0	0		ICCD - Multi County	
UTLC-126	59	6/1/02	4	610		3.63	1.0	53.9		0.30		1.40	3.90	0.0	0		ICCD - Multi County	
UTLC-127	60	6/1/02	1468	450		6.53	31.7	1.0		0.30		0.60	1.10	0.0	0		ICCD - Multi County	
UTLC-128	61	6/1/02	67	1240		3.02	1.0	1124.3		330.60		2.60	87.50	0.0	0		ICCD - Multi County	
UTLC-131	501079	6/1/02	7	50		6.15	12.0	2.0		1.98		0.21	0.10	17.0	8		ICCD - Multi County	
UTLC-132	DEP-TL-BR	7/22/98		350		6.40	7.8	1.2		0.38	0.05	0.72	0.36	151.0			Twolick Study- PADEP	
UTLC-132	KBLBUC	6/23/99				4.50	0.0		30.0	0.28	0.06	3.83	1.12	241.9	8		Stream Team	
UTLC-132	KBLBUC	1/24/00				5.20	3.2		9.2	0.68	0.29	3.38	1.05	218.0	14		Stream Team	
UTLC-132	KBLBUC	4/12/00				4.80	2.0		16.8	1.36	0.30	4.19	0.64	160.0	24		Stream Team	
UTLC-132	KBLBUC	7/12/00				4.60	1.4		34.0	0.23	0.07	3.29	1.20	271.0	6		Stream Team	
UTLC-132	KBLBUC	10/17/00				3.10	0.0	130.0	666.0	69.60	1.69	99.60	6.29	581.0	88		Stream Team	
UTLC-132	13	6/1/02		350		6.40	7.8	1.2		0.38		0.72	0.36	151.0	0		ICCD - Multi County	
UTLC-132	KBLBUC	7/20/02		500		4.00	0.0		90.0	1.92	0.20	6.65	1.34	384.0			Stream Team	
UTLC-132	KBLBUC	11/5/02				4.70	2.0		65.0	2.11	0.45	4.52	1.26	241.6	12		Stream Team	
UTLC-132	KBLBUC	1/30/03				4.60	1.0		76.2	1.81	0.36	1.11	6.81	268.4	30		Stream Team	
UTLC-132	KBLBUC	6/24/03				4.80	8.0		49.6	1.79	0.66	0.76	3.78	206.1	16		Stream Team	
UTLC-132	KBLBUC	10/31/03				4.80	7.8		50.0	2.57	0.37	0.84	3.93	178.2	14		Stream Team	
UTLC-134	KBLPEN	5/12/99				6.30	15.0		0.0	5.18	2.40	1.55	2.62	208.0	70		Stream Team	
UTLC-134	KBLPEN	4/25/02				6.00	8.6		41.8	4.55	4.15	2.69	2.09	183.0	46		Stream Team	
UTLC-134	401045	6/1/02		425		6.37	10.0	2.8		5.80		2.09	2.01	171.0	16		ICCD - Multi County	
UTLC-134	KBLPEN	7/20/02		470		5.90	3.6		56.0	9.09	7.08	1.55	4.63	379.0	14		Stream Team	
UTLC-134	KBLPEN	11/5/02				6.10	12.4		59.8	10.90	6.24	1.12	3.00	190.6	18		Stream Team	
UTLC-134	KBLPEN	1/30/03				6.40	9.4		58.4	11.30	8.43	3.36	2.36	299.3	16		Stream Team	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-134	UT-5	6/30/03	1940	556		4.86	1.2	11.9		7.19		2.61	1.08	268.4	18	542	BCWA Assessment-IUP	
UTLC-134	UT-5	7/30/03	5138	418		6.21	5.4	4.3		3.53		1.99	1.72	180.9	8	364	BCWA Assessment-IUP	
UTLC-134	UT-5	8/21/03	4573	518		5.83	4.6	4.8		6.25		2.86	2.64	195.9	36	270	BCWA Assessment-IUP	
UTLC-134	UT-5	9/28/03	5212	300		6.60	25.5	4.5		2.23		1.07	0.33	105.0	30	194	BCWA Assessment-IUP	
UTLC-134	UT-5	10/24/03	2263	423		6.24	10.4	5.1		6.62		1.97	1.73	188.9	14	300	BCWA Assessment-IUP	
UTLC-134	KBLPEN	10/31/03				6.70	24.8		0.0	5.38	4.35	1.91	0.91	156.4	24		Stream Team	
UTLC-134	UT-5	12/7/03	5212	402		6.70	10.2	15.1		4.61		1.73	2.00	168.2	-2	278	BCWA Assessment-IUP	
UTLC-134	UT-5	1/2/04		240		6.86	14.7	10.4		3.37		0.78	1.74	77.0	64	156	BCWA Assessment-IUP	
UTLC-134	UT-5	2/29/04	24066	352		6.27	11.7	6.1		3.79		1.29	1.69	135.0	12	216	BCWA Assessment-IUP	
UTLC-134	UT-5	3/27/04	21413	362		6.04	5.7	4.8		3.36		1.62	1.71	142.3	-2	28	BCWA Assessment-IUP	
UTLC-134	UT-5	4/17/04	23617	324		5.82	2.6	11.1		2.34		1.67	2.14	139.1	10	224	BCWA Assessment-IUP	
UTLC-134	UT-5	5/14/04	4095	436		6.50	9.2	6.9		3.63		2.13	0.90	208.6	22	384	BCWA Assessment-IUP	
UTLC-135	KBLPH2	4/4/02				7.40	136.0		0.0	0.33	0.26	0.20	0.59	318.0	10		Stream Team	
UTLC-135	KBLPH2	4/18/02				7.20	146.0		0.0	0.33	0.09	0.28	0.50	312.0	2		Stream Team	
UTLC-135	KBLPH2	4/30/02				7.30	170.0		0.0	0.32	0.37	0.28	0.56	356.0	4		Stream Team	
UTLC-135	KBLPH2	5/16/02				7.20	136.0		0.0	0.22	0.31	0.22	0.78	307.0	2		Stream Team	
UTLC-135	KBLPH2	5/31/02				7.70	384.0		0.0	0.79	0.57	0.43	1.27	313.0	24		Stream Team	
UTLC-135	KBLPH2	6/10/02				7.40	238.0		0.0	0.11	0.08	0.20	0.89	237.0	10		Stream Team	
UTLC-135	KBLPH2	6/27/02				7.40	258.0		0.0	0.06	0.04	0.20	1.01	223.0	82		Stream Team	
UTLC-135	KBLPH2	7/9/02		1000		7.50	262.0		0.0	0.04	0.04	0.20	1.31	310.0	12		Stream Team	
UTLC-135	KBLPH2	7/22/02				7.40	302.0		0.0	0.09	0.10	0.20	1.38	427.0	24		Stream Team	
UTLC-135	KBLPH2	11/5/02				7.40	172.0		0.0	0.37	0.35	<0.02	1.54	303.3	20		Stream Team	
UTLC-135	KBLPH2	1/17/03				7.20	103.2		0.0	0.18	0.18	1.79	<0.02	305.4	2		Stream Team	
UTLC-135	KBLPH2	2/26/03				7.10	133.6		0.0	0.74	0.20	2.14	<0.02	450.9	24		Stream Team	
UTLC-135	KBLPH2	3/18/03				7.20	102.0		0.0	0.42	0.05	1.82	<0.02	363.9	18		Stream Team	
UTLC-135	KBLPH2	4/24/03				7.60	158.6		0.0	0.29	0.16	1.40	<0.02	284.8	6		Stream Team	
UTLC-135	KBLPH2	5/29/03				7.30	170.2		0.0	0.36	0.56	1.16	<0.02	270.5	10		Stream Team	
UTLC-135	KBLPH2	6/24/03				7.70	172.0		0.0	0.29	0.36	1.30	<0.02	265.3	22		Stream Team	
UTLC-135	KBLPH2	7/31/03				8.70	125.0		0.0	0.32	0.26	0.78	<0.02	337.1	52		Stream Team	
UTLC-135	KBLPH2	9/24/03				8.00	150.0		0.0	0.21	0.21	0.89	<0.02	276.5	10		Stream Team	
UTLC-135	KBLPH2	10/27/03				7.20	78.8		0.0	0.38	0.27	1.27	<0.02	368.8	6		Stream Team	
UTLC-135	KBLPH2	11/26/03				7.40	86.6		0.0	0.55	0.23	1.26	<0.02	365.6	4		Stream Team	
UTLC-136	KBLPH3	4/4/02				8.10	160.0		0.0	0.09	0.07	0.20	0.41	271.0	6		Stream Team	
UTLC-136	KBLPH3	4/18/02				7.80	212.0		0.0	0.14	0.34	0.20	0.42	268.0	2		Stream Team	
UTLC-136	KBLPH3	4/30/02				7.70	148.0		0.0	0.10	0.09	0.20	0.49	332.0	2		Stream Team	
UTLC-136	KBLPH3	5/16/02				7.60	136.0		0.0	0.15	0.16	0.20	0.72	270.0	6		Stream Team	
UTLC-136	KBLPH3	5/31/02				7.40	236.0		0.0	0.23	0.02	0.20	1.01	294.0	12		Stream Team	
UTLC-136	KBLPH3	6/10/02				7.20	290.0		0.0	0.05	0.13	0.20	0.90	180.0	8		Stream Team	
UTLC-136	KBLPH3	6/27/02				7.10	326.0		0.0	0.13	0.11	0.20	1.01	154.0	8		Stream Team	
UTLC-136	KBLPH3	7/9/02	99	1060		7.00	238.0		0.0	0.05	0.02	0.20	1.49	260.0	2		Stream Team	
UTLC-136	KBLPH3	7/22/02	103			6.90	388.0		0.0	0.02	0.03	0.20	1.44	181.0	2		Stream Team	
UTLC-136	KBLPH3	11/5/02				7.10	174.0		0.0	0.07	0.05	<0.02	1.33	278.0	6		Stream Team	
UTLC-136	KBLPH3	1/17/03				7.20	101.0		0.0	0.17	0.17	1.75	<0.02	291.3	<2		Stream Team	
UTLC-136	KBLPH3	2/26/03				7.00	122.8		0.0	0.72	0.46	2.17	<0.02	405.7	16		Stream Team	
UTLC-136	KBLPH3	3/18/03				7.00	124.6		0.0	0.24	0.07	1.61	<0.02	350.0	12		Stream Team	
UTLC-136	KBLPH3	4/24/03				7.10	208.4		0.0	0.02	<0.02	1.23	<0.02	214.0	<2		Stream Team	
UTLC-136	KBLPH3	5/29/03				7.10	257.2		0.0	0.04	<0.02	1.07	<0.02	167.4	6		Stream Team	
UTLC-136	KBLPH3	6/24/03				7.20	212.0		0.0	0.03	0.11	1.09	<0.02	212.9	10		Stream Team	
UTLC-136	KBLPH3	7/31/03				7.20	216.4		0.0	<0.02	0.05	0.81	<0.02	168.2	6		Stream Team	

**Blacklick Creek Watershed Assessment / Restoration Plan**

**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.												
UTLC-136	KBLPH3	9/24/03				7.10	179.4		0.0	0.05	0.06	0.94	<0.02	264.7	2		Stream Team	
UTLC-136	KBLPH3	10/27/03				7.40	80.8		0.0	0.23	0.23	1.29	<0.02	379.2	<2		Stream Team	
UTLC-136	KBLPH3	11/26/03				7.30	81.6		0.0	0.75	0.75	1.30	<0.02	331.7	2		Stream Team	
UTLC-137	KBLSAM	6/23/99				3.00	0.0	258.0	1362.0	84.50	5.94	183.00	11.60	2053.6	28		Stream Team	
UTLC-137	KBLSAM	1/24/00				3.20	0.0	84.0	622.0	87.70	47.43	75.00	4.52	828.0	<2		Stream Team	
UTLC-137	KBLSAM	4/12/00				3.40	0.0		382.0	86.70	62.62	40.00	1.68	263.0	38		Stream Team	
UTLC-137	KBLSAM	7/12/00				3.00	0.0		932.0	97.50	1.50	109.00	6.27	691.0	98		Stream Team	
UTLC-137	KBLSAM	10/17/00				5.80	3.6		8.2	0.69	0.41	2.35	0.90	197.0	14		Stream Team	
UTLC-137	KBLSAM	4/25/02				3.00	0.0	159.4	573.2	96.70	64.53	62.00	2.90	714.0	88		Stream Team	
UTLC-137	601447	6/1/02	299	2400		2.88	1.0	917.0		78.80		7.30	128.00	1380.0	48		ICCD - Multi County	
UTLC-137	KBLSAM	7/20/02		2000		2.90	0.0	456.0	1492.0	76.10	4.20	219.00	12.90	2056.0	10		Stream Team	
UTLC-137	KBLSAM	11/5/02				3.00	0.0		528.8	60.50	22.46	67.70	3.94	736.1	66		Stream Team	
UTLC-137	KBLSAM	1/30/03				3.00	0.0		1318.8	223.00	126.40	6.37	136.00	1744.8	8		Stream Team	
UTLC-137	KBLSAM	6/24/03				3.10	0.0		589.2	70.50	73.26	3.68	90.90	654.8	48		Stream Team	
UTLC-137	KBLSAM	7/31/03				3.10	0.0		400.2	58.30	26.54	2.09	45.00	487.3	56		Stream Team	
UTLC-137	KBLSAM	10/31/03				3.10	0.0		374.8	41.60	17.90	2.28	45.80	413.6	48		Stream Team	
UTLC-145	TL-2	5/30/02		1262		3.09	0.0	228.3		19.10		2.01	22.29	526.4	20	1132	Twolick Creek - IUP	
UTLC-145	1	6/1/02	45	0		3.30	1.0	342.0		13.50		0.00	41.40	0.0	0		ICCD - Multi County	
UTLC-145	TL-2	6/28/02		772		6.02	5.7	8.4		6.27		2.11	4.34	360.1	56	746	Twolick Creek - IUP	
UTLC-145	TL-2	7/26/02		1443		4.33	0.0	194.5		18.12		5.36	34.84	937.9	200	1660	Twolick Creek - IUP	
UTLC-145	TL-2	9/9/02		2220		2.87	0.0	699.5		43.81		5.64	85.33	1391.8	12	2956	Twolick Creek - IUP	
UTLC-145	TL-2	9/30/02		2346		2.98	0.0	736.7		51.56		6.27	89.28	1434.7	<2	3348	Twolick Creek - IUP	
UTLC-145	TL-2	10/30/02		2290		2.96	0.0	752.9		50.41		5.59	89.52	1481.2	6	2566	Twolick Creek - IUP	
UTLC-145	TL-2	11/26/02		2320		3.06	0.0	758.5		48.47		5.16	96.44	1457.0	<2	2318	Twolick Creek - IUP	
UTLC-145	TL-2	12/23/02		1311		3.18	0.0	313.9		15.97		2.12	34.63	648.9	4	1156	Twolick Creek - IUP	
UTLC-145	TL-2	1/30/03		1422		3.06	0.0	317.3		18.25		2.57	35.29	686.4	<2	1094	Twolick Creek - IUP	
UTLC-145	TL-2	3/4/03		1146		3.10	0.0	222.5		13.50		1.94	27.09	515.9	6	808	Twolick Creek - IUP	
UTLC-145	TL-2	3/30/03		1257		2.94	0.0	244.5		17.45		1.97	25.41	547.8	14	988	Twolick Creek - IUP	
UTLC-145	TL-2	4/30/03	3	1328		2.93	0.0	242.5		18.10		2.07	26.54	508.2	6	1228	Twolick Creek - IUP	
UTLC-148	TL-3	5/30/02		656		3.48	0.0	63.1		0.38		0.56	4.78	259.4	<2	524	Twolick Creek - IUP	
UTLC-148	58	6/1/02	69	860		3.25	1.0	108.7		0.30		0.70	4.60	0.0	0		ICCD - Multi County	
UTLC-148	TL-3	6/28/02		658		3.47	0.0	64.5		0.32		0.52	4.51	257.6	16	526	Twolick Creek - IUP	
UTLC-148	TL-3	7/26/02		766		3.29	0.0	77.9		0.46		0.71	7.03	327.3	2	628	Twolick Creek - IUP	
UTLC-148	TL-3	9/9/02		830		3.40	0.0	91.7		0.72		0.79	6.91	355.8	<2	684	Twolick Creek - IUP	
UTLC-148	TL-3	9/30/02		837		3.40	0.0	82.7		0.73		0.80	6.28	357.2	<2	738	Twolick Creek - IUP	
UTLC-148	TL-3	10/30/02		846		3.35	0.0	87.9		0.54		0.81	8.16	375.5	2	634	Twolick Creek - IUP	
UTLC-148	TL-3	11/26/02		700		3.56	0.0	72.8		0.28		0.56	5.01	283.0	<2	432	Twolick Creek - IUP	
UTLC-148	TL-3	12/23/02		643		3.41	0.0	67.6		0.29		0.50	4.19	254.2	<2	438	Twolick Creek - IUP	
UTLC-148	TL-3	1/30/03															Twolick Creek - IUP	
UTLC-148	TL-3	3/4/03		694		3.24	0.0	67.5		0.35		0.59	5.38	284.8	6	436	Twolick Creek - IUP	
UTLC-148	TL-3	3/30/03		665		3.36	0.0	73.2		0.41		0.56	5.12	281.4	<2	416	Twolick Creek - IUP	
UTLC-148	TL-3	4/30/03	3	696		3.38	0.0	67.6		0.47		0.61	4.84	294.6	2	601	Twolick Creek - IUP	
UTLC-167	501078	6/1/02	5610	400		7.85	138.0	1.0		0.20		0.06	0.10	60.0	3		ICCD - Multi County	
UTLC-168	1200335	6/1/02		1150		4.01	1.0	37.2		0.38		0.51	5.63	685.0	5		ICCD - Multi County	
UTLC-173	UT-4	6/30/03	375	487		7.39	34.7	5.3		9.43		0.83	-0.10	221.3	22	404	BCWA Assessment-IUP	
UTLC-173	UT-4	7/30/03	495	473		6.80	40.6	6.7		5.62		0.75	-0.10	228.7	30	366	BCWA Assessment-IUP	
UTLC-173	UT-4	8/21/03	536	489		6.49	34.0	2.9		30.74		1.15	0.42	197.8	22	390	BCWA Assessment-IUP	
UTLC-173	UT-4	9/28/03	665	498		6.37	31.5	9.1		7.23		0.86	-0.10	205.3	16	342	BCWA Assessment-IUP	
UTLC-173	UT-4	10/24/03	455	504		6.61	31.2	6.5		5.71		0.88	0.29	216.0	6	368	BCWA Assessment-IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-173	UT-4	1/2/04		458		6.83	29.2	8.4		9.10		0.66	0.46	209.3	18	320	BCWA Assessment-IUP	
UTLC-173	UT-4	2/29/04	321	486		6.43	29.5	7.9		9.80		0.77	1.18	214.3	14	314	BCWA Assessment-IUP	
UTLC-173	UT-4	3/27/04	560	489		6.32	23.7	8.8		7.85		0.87	0.39	229.0	-2	338	BCWA Assessment-IUP	
UTLC-173	UT-4	4/17/04	539	470		6.74	20.3	5.2		10.45		0.96	0.48	217.4	26	358	BCWA Assessment-IUP	
UTLC-173	UT-4	5/14/04	348	479		6.48	24.5	6.8		6.68		0.93	-0.10	233.0	22	382	BCWA Assessment-IUP	
UTLC-178	101299	6/1/02		960		3.31	1.0	71.0		1.50		2.67	9.68	530.0	4		ICCD - Multi County	
UTLC-179	1200341	6/1/02		775		3.55	1.0	20.8		5.04		3.16	0.70	345.0	5		ICCD - Multi County	
UTLC-180	TL-12	5/30/02		1003		3.53	0.0	51.9		1.80		4.30	2.51	455.6	2	888	Twolick Creek - IUP	
UTLC-180	TL-12	6/28/02		987		3.44	0.0	64.7		2.06		3.48	3.00	446.2	<2	910	Twolick Creek - IUP	
UTLC-180	TL-12	7/26/02	114	1056		3.30	0.0	73.7		1.77		3.32	3.90	438.1	<2	824	Twolick Creek - IUP	
UTLC-180	TL-12	9/9/02		1155		3.18	0.0	101.6		2.65		2.99	7.26	537.0	4	938	Twolick Creek - IUP	
UTLC-180	TL-12	9/30/02		1182		3.23	0.0	88.5		2.52		3.13	4.90	518.8	2	1042	Twolick Creek - IUP	
UTLC-180	TL-12	10/30/02		1173		3.23	0.0	91.2		2.73		3.03	5.68	546.4	<2	944	Twolick Creek - IUP	
UTLC-180	TL-12	11/26/02		1176		3.31	0.0	107.6		2.54		2.61	5.46	519.6	<2	814	Twolick Creek - IUP	
UTLC-180	TL-12	12/23/02		1041		3.31	0.0	94.8		2.34		3.50	4.04	437.7	<2	746	Twolick Creek - IUP	
UTLC-180	TL-12	1/30/03		1061		3.37	0.0	68.1		2.39		3.79	3.91	515.9	<2	774	Twolick Creek - IUP	
UTLC-180	TL-12	3/4/03		1037		3.28	0.0	79.3		1.52		3.56	3.70	508.5	<2	786	Twolick Creek - IUP	
UTLC-180	TL-12	3/30/03		950		3.39	0.0	61.7		1.70		3.77	3.35	426.7	2	668	Twolick Creek - IUP	
UTLC-180	TL-12	4/30/03	3	992		3.46	0.0	65.2		1.59		3.93	2.33	439.2	8	848	Twolick Creek - IUP	
UTLC-188	TL-14	5/30/02		748		4.01	0.0	88.4		0.06		0.71	11.80	388.0	<2	798	Twolick Creek - IUP	
UTLC-188	1200340	6/1/02		620		3.78	1.0	40.8		0.02		0.39	5.66	290.0	1		ICCD - Multi County	
UTLC-188	TL-14	6/28/02		676		3.91	0.0	82.8		<0.04		0.51	9.15	319.1	<2	668	Twolick Creek - IUP	
UTLC-188	TL-14	7/26/02		725		3.79	0.0	78.4		0.16		0.58	9.18	346.5	<2	594	Twolick Creek - IUP	
UTLC-188	TL-14	9/9/02		803		3.79	0.0	90.3		0.08		0.68	11.75	386.3	<2	790	Twolick Creek - IUP	
UTLC-188	TL-14	9/30/02		816		3.77	0.0	77.6		<0.04		0.76	10.07	406.8	2	808	Twolick Creek - IUP	
UTLC-188	TL-14	10/30/02		831		3.76	0.0	83.7		0.08		0.75	10.62	428.1	<2	778	Twolick Creek - IUP	
UTLC-188	TL-14	11/26/02		808		3.74	0.0	94.8		<0.04		0.70	10.11	374.5	2	624	Twolick Creek - IUP	
UTLC-188	TL-14	12/23/02		682		3.77	0.0	77.6		<0.04		0.51	6.12	304.4	<2	534	Twolick Creek - IUP	
UTLC-188	TL-14	1/30/03		612		4.00	0.0	53.1		<0.04		0.46	5.61	302.7	2	442	Twolick Creek - IUP	
UTLC-188	TL-14	3/4/03		698		3.78	0.0	71.2		0.12		0.57	7.26	361.7	<2	538	Twolick Creek - IUP	
UTLC-188	TL-14	3/30/03		642		3.86	0.0	66.5		<0.04		0.51	8.34	327.3	10	468	Twolick Creek - IUP	
UTLC-188	TL-14	4/30/03	4	649		3.78	0.0	57.5		0.05		0.55	9.38	318.3	10	596	Twolick Creek - IUP	
UTLC-189	1200414	6/1/02		400		6.63	71.0	1.0		0.13		0.02	0.17	119.0	21		ICCD - Multi County	
UTLC-190	301503	6/1/02	175	700		5.67	49.2	39.2		35.10		6.00	0.29	320.0	2		ICCD - Multi County	
UTLC-191	TL-1	5/30/02		1095		3.03	0.0	285.2		43.37		1.36	31.01	379.2	92	754	Twolick Creek - IUP	
UTLC-191	601445	6/1/02	45	5000		2.59	1.0	800.0		476.00		23.20	452.00	4888.0	9		ICCD - Multi County	
UTLC-191	TL-1	6/28/02		2508		2.62	0.0	1128.7		197.83		4.68	114.05	710.4	156	572	Twolick Creek - IUP	
UTLC-191	TL-1	7/26/02		3586		2.64	0.0	2184.3		289.44		14.29	288.39	3144.2	184	5096	Twolick Creek - IUP	
UTLC-191	TL-1	9/9/02		3704		2.84	0.0	2382.3		221.15		17.19	312.87	3052.7	106	5394	Twolick Creek - IUP	
UTLC-191	TL-1	9/30/02		2496		2.91	0.0	1115.0		105.75		8.82	152.24	1586.2	74	3384	Twolick Creek - IUP	
UTLC-191	TL-1	10/30/02		1210		3.18	0.0	359.3		40.01		2.94	48.65	611.5	62	942	Twolick Creek - IUP	
UTLC-191	TL-1	11/26/02		1797		3.05	0.0	451.2		68.12		2.81	53.19	590.0	90	1056	Twolick Creek - IUP	
UTLC-191	TL-1	12/23/02		748		4.22	0.0	173.2		35.02		0.82	17.34	239.3	2	400	Twolick Creek - IUP	
UTLC-191	TL-1	1/30/03		2742		2.78	0.0	1203.0		176.77		6.36	142.42	1362.8	72	2466	Twolick Creek - IUP	
UTLC-191	TL-1	3/4/03		1030		3.50	0.0	222.0		36.50		1.52	29.21	323.7	66	538	Twolick Creek - IUP	
UTLC-191	TL-1	3/30/03		1594		2.77	0.0	451.5		72.82		2.48	53.77	663.2	64	974	Twolick Creek - IUP	
UTLC-191	TL-1	4/30/03	3	2930		2.59	0.0	1408.8		253.94		7.08	166.26	1732.1	164	3610	Twolick Creek - IUP	
UTLC-192	TL-10	5/30/02		761		3.46	0.0	75.7		0.20		0.70	6.46	334.9	2	700	Twolick Creek - IUP	
UTLC-192	1200329	6/1/02		750		3.23	1.0	60.8		0.18		0.86	7.68	355.0	2		ICCD - Multi County	



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-192	TL-10	6/28/02		777		3.45	0.0	95.2		0.21		0.85	8.05	320.0	<2	742	Twolick Creek - IUP	
UTLC-192	TL-10	7/26/02															Twolick Creek - IUP	
UTLC-192	TL-10	9/9/02															Twolick Creek - IUP	
UTLC-192	TL-10	10/30/02															Twolick Creek - IUP	
UTLC-192	TL-10	12/23/02		654		3.50	0.0	79.6		0.26		0.87	6.52	274.7	<2	446	Twolick Creek - IUP	
UTLC-192	TL-10	1/30/03		773		3.55	0.0	88.5		0.55		0.78	9.10	354.7	8	594	Twolick Creek - IUP	
UTLC-192	TL-10	3/4/03		779		3.38	0.0	88.9		0.22		0.80	8.00	359.9	<2	604	Twolick Creek - IUP	
UTLC-192	TL-10	3/30/03		676		3.37	0.0	72.8		0.21		0.62	6.87	295.4	2	478	Twolick Creek - IUP	
UTLC-192	TL-10	4/30/03	3	758		3.45	0.0	87.6		0.26		0.76	7.16	338.0	8	654	Twolick Creek - IUP	
UTLC-193	MP-11	2/24/86	220	360	3.00	3.40	0.0	60.1		0.30		0.33		51.0			FNR Mining Company	32840110
UTLC-193	MP-11	6/18/86	90	500	3.20	2.70	0.0	100.9		0.31		0.70		220.0			FNR Mining Company	32840110
UTLC-193	MP-11	9/30/86	1	500		3.50	0.0	110.5		0.37		0.74		300.0			FNR Mining Company	32840110
UTLC-193	MP-11	12/31/86	80	440	3.80	3.20	21.5	562.7		0.29		0.76		20.0			FNR Mining Company	32840110
UTLC-193	MP-11	3/19/87	40	510	3.50	3.40	0.0	66.0		0.06		0.51		307.0			FNR Mining Company	32840110
UTLC-193	MP-11	6/15/87	15	550		3.30	0.0	84.0		0.15		0.54		329.0			FNR Mining Company	32840110
UTLC-193	MP-11	9/28/87	15	600	3.50	3.50	0.0	74.0		0.19		0.62		300.0			FNR Mining Company	32840110
UTLC-193	MP-11	12/28/87	60	450	5.40	3.50	0.0	58.0		0.13		0.31		275.0			FNR Mining Company	32840110
UTLC-193	MP-11	3/23/88	70	500	3.70	3.50	0.0	58.0		0.12		0.26		321.0			FNR Mining Company	32840110
UTLC-193	MP-11	6/30/88	1	660	3.60	3.30	0.0	32.0		0.26		0.53		352.0			FNR Mining Company	32840110
UTLC-193	MP-11	8/22/88	1	810	4.00	3.60	0.0	88.0		0.10		0.62		376.0			FNR Mining Company	32840110
UTLC-193	MP-11	11/15/88	40	600	3.60	3.40	0.0	77.0		0.23		0.98		367.0			FNR Mining Company	32840110
UTLC-193	MP-11	3/27/89	120	600	3.10	3.50	0.0	66.0		0.32		0.49		321.0			FNR Mining Company	32840110
UTLC-193	MP-11	6/26/89	60	690	3.60	3.20	0.0	91.8		0.40		0.72		230.0			FNR Mining Company	32840110
UTLC-193	MP-11	9/12/89	70	660	3.40	3.30	0.0	42.6		0.20		0.69		240.0			FNR Mining Company	32840110
UTLC-193	MP-11	12/29/89	15	647	4.00	3.40	0.0	72.0		0.22		0.81		300.0			FNR Mining Company	32840110
UTLC-193	MP-11	3/13/90	2	663	4.10	3.50	0.0	62.0		0.19		0.86		290.0			FNR Mining Company	32840110
UTLC-193	TL-11	5/30/02		678		3.60	0.0	65.7		0.23		0.90	6.30	281.8	<2	634	Twolick Creek - IUP	
UTLC-193	1200330	6/1/02		430		4.52	1.0	12.0		0.98		1.49	2.13	206.0	6		ICCD - Multi County	
UTLC-193	TL-11	6/28/02		662		3.70	0.0	74.7		0.45		1.07	6.99	300.4	10	638	Twolick Creek - IUP	
UTLC-193	TL-11	7/26/02		801		3.54	0.0	88.4		1.04		1.29	9.20	377.7	<2	748	Twolick Creek - IUP	
UTLC-193	TL-11	9/9/02		864		3.62	0.0	102.3		2.47		1.60	12.46	425.8	16	824	Twolick Creek - IUP	
UTLC-193	TL-11	9/30/02		779		3.83	0.0	72.0		2.86		1.91	8.11	344.8	<2	772	Twolick Creek - IUP	
UTLC-193	TL-11	10/30/02		676		4.02	0.0	61.2		0.76		1.88	7.08	361.7	<2	556	Twolick Creek - IUP	
UTLC-193	TL-11	11/26/02		773		3.79	0.0	92.8		0.44		1.46	8.35	385.3	<2	602	Twolick Creek - IUP	
UTLC-193	TL-11	12/23/02		596		3.75	0.0	67.9		0.15		1.08	5.59	253.3	<2	434	Twolick Creek - IUP	
UTLC-193	TL-11	1/30/03		710		3.68	0.0	66.4		0.19		1.05	7.10	339.2	<2	522	Twolick Creek - IUP	
UTLC-193	TL-11	3/4/03		687		3.55	0.0	72.4		0.20		1.04	6.79	307.1	<2	524	Twolick Creek - IUP	
UTLC-193	TL-11	3/30/03		607		3.53	0.0	61.3		0.15		0.76	6.06	273.2	<2	392	Twolick Creek - IUP	
UTLC-193	TL-11	4/30/03	3	684		3.28	0.0	74.4		0.38		0.88	6.54	313.4	20	608	Twolick Creek - IUP	
UTLC-196	DEP-TL-1	7/22/98	557	130		6.80	38.0	0.0		1.06	0.12	0.07	0.77	70.0			Twolick Study- PADEP	
UTLC-196	TL-12U	5/30/02		333		7.13	40.8	4.5		0.46		0.18	0.67	114.2	6	252	Twolick Creek - IUP	
UTLC-196	TL-12U	6/28/02		405		6.85	43.3	4.8		0.47		0.22	0.90	137.0	2	330	Twolick Creek - IUP	
UTLC-196	TL-12U	7/26/02		501		7.35	50.2	4.4		0.79		0.31	0.60	193.3	6	376	Twolick Creek - IUP	
UTLC-196	TL-12U	9/9/02		540		7.05	51.9	8.5		0.60		0.32	2.66	190.5	6	420	Twolick Creek - IUP	
UTLC-196	TL-12U	9/30/02		514		7.50	54.1	4.1		0.51		0.37	<0.10	186.0	8	394	Twolick Creek - IUP	
UTLC-196	TL-12U	10/30/02		355		6.95	41.4	4.4		0.55		0.24	<0.10	94.6	4	278	Twolick Creek - IUP	
UTLC-196	TL-12U	11/26/02		392		6.94	36.2	3.2		0.54		0.21	0.22	126.6	2	232	Twolick Creek - IUP	
UTLC-196	TL-12U	12/23/02		275		6.53	21.1	3.7		0.31		0.13	0.17	70.8	8	178	Twolick Creek - IUP	
UTLC-196	TL-12U	1/30/03		438		6.80	39.1	3.2		0.52		0.24	0.25	155.6	<2	298	Twolick Creek - IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field pH	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					S.U.	S.U.			(mg/l)									
UTLC-196	TL-12U	3/4/03		312		7.04	25.6	2.5		0.41		0.15	0.29	90.2	2	198	Twolick Creek - IUP	
UTLC-196	TL-12U	3/30/03		362		6.87	30.3	3.6		0.51		0.18	0.82	116.8	12	210	Twolick Creek - IUP	
UTLC-196	TL-12U	4/30/03	7	423		7.26	36.1	2.8		0.57		0.23	0.42	145.8	14	352	Twolick Creek - IUP	
UTLC-197	TL-13	5/30/02		391		6.28	28.1	12.9		8.22		0.83	<0.10	142.8	4	316	Twolick Creek - IUP	
UTLC-197	1200338	6/1/02		18		5.43	18.4	1.0		13.10		0.70	0.28	178.0	23		ICCD - Multi County	
UTLC-197	TL-13	6/28/02		367		7.07	30.7	7.3		8.12		0.80	0.55	124.1	18	304	Twolick Creek - IUP	
UTLC-197	TL-13	7/26/02		339		6.58	19.0	13.9		10.09		0.96	0.25	127.6	8	232	Twolick Creek - IUP	
UTLC-197	TL-13	9/9/02		344		6.11	22.9	29.6		11.98		0.95	2.06	140.8	16	262	Twolick Creek - IUP	
UTLC-197	TL-13	9/30/02		373		6.39	30.0	20.8		10.71		1.02	<0.10	146.4	16	268	Twolick Creek - IUP	
UTLC-197	TL-13	10/30/02		424		6.62	49.2	17.1		8.33		0.70	0.17	148.4	32	338	Twolick Creek - IUP	
UTLC-197	TL-13	11/26/02		442		6.71	37.5	9.9		10.75		1.18	0.85	123.0	108	294	Twolick Creek - IUP	
UTLC-197	TL-13	12/23/02		371		6.43	27.6	13.6		9.32		0.87	<0.10	141.5	16	268	Twolick Creek - IUP	
UTLC-197	TL-13	1/30/03		442		6.37	37.7	12.3		9.06		1.47	<0.10	181.2	20	316	Twolick Creek - IUP	
UTLC-197	TL-13	3/4/03		435		6.55	35.0	23.5		7.43		0.85	<0.10	156.0	24	276	Twolick Creek - IUP	
UTLC-197	TL-13	3/30/03		443		6.67	35.2	13.1		8.08		0.88	0.81	166.8	36	274	Twolick Creek - IUP	
UTLC-197	TL-13	4/30/03	7	391		7.16	26.6	2.1		8.90		1.01	<0.10	135.2	26	338	Twolick Creek - IUP	
UTLC-198	TL-13U	5/30/02		342		6.68	30.5	5.3		0.32		0.18	0.65	121.7	<2	278	Twolick Creek - IUP	
UTLC-198	TL-13U	6/28/02		418		6.75	45.1	4.0		0.43		0.21	1.45	150.7	6	330	Twolick Creek - IUP	
UTLC-198	TL-13U	7/26/02		507		7.33	51.7	5.1		0.36		0.28	1.16	187.8	<2	316	Twolick Creek - IUP	
UTLC-198	TL-13U	9/9/02		553		7.08	56.2	6.3		0.39		0.34	3.51	208.4	<2	446	Twolick Creek - IUP	
UTLC-198	TL-13U	9/30/02		529		7.24	64.0	4.5		0.36		0.40	<0.10	182.3	2	408	Twolick Creek - IUP	
UTLC-198	TL-13U	10/30/02		417		6.83	48.7	5.3		0.36		0.27	<0.10	145.3	4	294	Twolick Creek - IUP	
UTLC-198	TL-13U	11/26/02		450		7.00	48.0	5.2		0.31		0.25	1.00	165.2	6	306	Twolick Creek - IUP	
UTLC-198	TL-13U	12/23/02		312		6.60	23.9	6.1		0.20		0.13	0.30	106.1	2	226	Twolick Creek - IUP	
UTLC-198	TL-13U	1/30/03		461		6.89	42.9	3.7		0.22		0.22	0.52	174.5	4	318	Twolick Creek - IUP	
UTLC-198	TL-13U	3/4/03		382		7.07	31.5	5.7		0.29		0.17	0.46	132.7	4	298	Twolick Creek - IUP	
UTLC-198	TL-13U	3/30/03		382		6.86	32.5	5.3		0.29		0.18	1.35	145.3	14	266	Twolick Creek - IUP	
UTLC-198	TL-13U	4/30/03	7	441		7.48	39.5	1.2		0.34		0.21	1.21	182.7	4	360	Twolick Creek - IUP	
UTLC-200	TL-14U	5/30/02		546		6.36	8.9	7.7		0.30		0.48	0.88	234.3	<2	464	Twolick Creek - IUP	
UTLC-200	TL-14U	6/28/02		607		5.92	4.1	4.1		0.54		0.74	1.75	288.3	2	568	Twolick Creek - IUP	
UTLC-200	TL-14U	7/26/02	223	781		4.54	<1.0	30.9		0.29		1.18	3.62	399.7	2	712	Twolick Creek - IUP	
UTLC-200	TL-14U	9/9/02		868		4.12	0.0	55.6		0.21		1.87	7.65	490.3	<2	836	Twolick Creek - IUP	
UTLC-200	TL-14U	9/30/02		812		4.52	<1.0	36.7		0.31		1.99	4.72	392.1	8	798	Twolick Creek - IUP	
UTLC-200	TL-14U	10/30/02		694		4.72	1.2	24.0		0.39		1.50	3.04	311.9	14	556	Twolick Creek - IUP	
UTLC-200	TL-14U	11/26/02		641		4.71	1.1	31.2		0.60		1.04	3.21	273.7	8	480	Twolick Creek - IUP	
UTLC-200	TL-14U	12/23/02		360		6.34	7.8	3.1		0.24		0.28	0.36	113.2	10	232	Twolick Creek - IUP	
UTLC-200	TL-14U	1/30/03		655		4.68	<1.0	25.7		0.46		0.93	2.52	309.1	2	502	Twolick Creek - IUP	
UTLC-200	TL-14U	3/4/03		605		5.35	1.8	7.9		0.51		0.66	1.89	229.2	4	414	Twolick Creek - IUP	
UTLC-200	TL-14U	3/30/03		583		6.30	7.3	5.3		0.47		0.52	2.32	205.6	22	414	Twolick Creek - IUP	
UTLC-200	TL-14U	4/30/03	5	650		4.87	<1.0	6.0		0.32		0.61	1.36	306.4	14	588	Twolick Creek - IUP	
UTLC-201	TL-15	5/30/02		437		6.54	43.0	12.3		0.21		0.18	0.21	148.2	<2	342	Twolick Creek - IUP	
UTLC-201	1200416	6/1/02		460		6.82	80.0	1.0		0.28		0.08	0.16	160.0	2		ICCD - Multi County	
UTLC-201	TL-15	6/28/02		446		6.83	48.8	5.2		0.19		0.16	0.88	163.7	2	380	Twolick Creek - IUP	
UTLC-201	TL-15	7/26/02		495		7.22	57.2	11.1		0.21		0.18	0.86	193.8	<2	360	Twolick Creek - IUP	
UTLC-201	TL-15	9/9/02		536		6.60	56.7	12.8		0.33		0.23	2.49	184.2	<2	440	Twolick Creek - IUP	
UTLC-201	TL-15	9/30/02		529		6.75	62.7	10.0		0.25		0.23	0.62	198.1	12	400	Twolick Creek - IUP	
UTLC-201	TL-15	10/30/02		534		6.62	61.9	12.5		0.19		0.19	<0.10	187.4	2	412	Twolick Creek - IUP	
UTLC-201	TL-15	11/26/02		508		6.56	47.7	10.4		0.05		0.18	0.47	178.9	2	350	Twolick Creek - IUP	
UTLC-201	TL-15	12/23/02		456		6.49	36.7	13.3		0.21		0.15	0.29	152.8	2	328	Twolick Creek - IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
UTLC-201	TL-15	1/30/03		489	6.68	6.68	45.9	6.4		0.11		0.18	<0.10	186.1	2	322	Twolick Creek - IUP	
UTLC-201	TL-15	3/4/03		483	6.95	6.95	43.8	9.6		0.05		0.15	<0.10	165.2	<2	370	Twolick Creek - IUP	
UTLC-201	TL-15	3/30/03		455	6.84	6.84	42.5	7.1		0.15		0.14	0.58	185.5	14	294	Twolick Creek - IUP	
UTLC-201	TL-15	4/30/03	8	462	7.50	7.50	46.3	1.6		0.18		0.15	0.29	166.2	6	384	Twolick Creek - IUP	
UTLC-202	TL-15D	5/30/02		379	6.62	6.62	41.3	9.9		0.32		0.16	0.10	126.9	<2	300	Twolick Creek - IUP	
UTLC-202	TL-15D	6/28/02		447	6.84	6.84	49.1	5.9		3.82		0.53	3.22	156.3	64	376	Twolick Creek - IUP	
UTLC-202	TL-15D	7/26/02		487	7.36	7.36	64.4	9.6		0.77		0.18	1.50	168.7	26	338	Twolick Creek - IUP	
UTLC-202	TL-15D	9/9/02		520	6.83	6.83	71.9	10.9		1.01		0.21	2.89	170.7	10	412	Twolick Creek - IUP	
UTLC-202	TL-15D	9/30/02		516	6.92	6.92	71.6	10.7		1.38		0.24	1.22	163.0	32	388	Twolick Creek - IUP	
UTLC-202	TL-15D	10/30/02		516	6.80	6.80	71.5	10.9		2.46		0.32	1.67	173.6	38	392	Twolick Creek - IUP	
UTLC-202	TL-15D	11/26/02		502	6.74	6.74	52.8	10.1		0.27		0.17	0.46	181.7	2	346	Twolick Creek - IUP	
UTLC-202	TL-15D	12/23/02		401	6.57	6.57	34.1	9.6		0.15		0.12	0.10	135.4	2	274	Twolick Creek - IUP	
UTLC-202	TL-15D	1/30/03		466	6.87	6.87	51.7	7.7		1.27		0.24	1.45	167.2	30	302	Twolick Creek - IUP	
UTLC-202	TL-15D	3/4/03		386	6.93	6.93	41.0	7.1		1.42		0.22	1.41	122.0	16	266	Twolick Creek - IUP	
UTLC-202	TL-15D	3/30/03		399	6.88	6.88	43.0	6.4		0.82		0.16	1.23	133.2	24	236	Twolick Creek - IUP	
UTLC-202	TL-15D	4/30/03	7	395	7.48	7.48	50.1	1.9		1.49		0.21	1.46	140.4	42	308	Twolick Creek - IUP	
UTLC-203	TL-15U	5/30/02		189	6.81	6.81	27.1	4.5		0.32		0.12	0.22	45.7	<2	152	Twolick Creek - IUP	
UTLC-203	TL-15U	6/28/02		247	6.94	6.94	47.3	2.9		0.36		0.14	1.05	58.7	20	184	Twolick Creek - IUP	
UTLC-203	TL-15U	7/26/02		375	7.40	7.40	62.4	5.2		0.66		0.36	1.31	109.3	6	258	Twolick Creek - IUP	
UTLC-203	TL-15U	9/9/02		570	4.61	4.61	<1.0	44.3		2.59		1.09	6.56	273.0	10	494	Twolick Creek - IUP	
UTLC-203	TL-15U	9/30/02		314	6.73	6.73	27.2	9.1		0.94		0.53	0.83	117.7	<2	254	Twolick Creek - IUP	
UTLC-203	TL-15U	10/30/02		210	6.73	6.73	33.0	4.7		0.30		0.15	0.14	54.3	<2	170	Twolick Creek - IUP	
UTLC-203	TL-15U	11/26/02		249	6.79	6.79	32.5	5.3		0.28		0.15	0.56	58.2	2	154	Twolick Creek - IUP	
UTLC-203	TL-15U	12/23/02		200	6.61	6.61	18.9	4.8		0.14		0.06	0.15	54.0	4	124	Twolick Creek - IUP	
UTLC-203	TL-15U	1/30/03		314	7.06	7.06	48.7	3.5		0.53		0.20	0.48	92.6	10	182	Twolick Creek - IUP	
UTLC-203	TL-15U	3/4/03		233	7.07	7.07	29.9	4.0		0.24		0.09	<0.10	57.6	<2	156	Twolick Creek - IUP	
UTLC-203	TL-15U	3/30/03		224	6.89	6.89	31.8	3.1		0.32		0.11	0.63	64.1	18	124	Twolick Creek - IUP	
UTLC-203	TL-15U	4/30/03	7	303	7.48	7.48	48.6	1.2		0.44		0.17	0.43	87.4	12	230	Twolick Creek - IUP	
UTLC-204	TL-16	5/30/02		321	7.32	7.32	61.4	3.5		0.39		0.17	<0.10	80.7	<2	246	Twolick Creek - IUP	
UTLC-204	TL-16	6/28/02		443	7.64	7.64	119.1	1.7		0.29		0.19	0.74	98.5	24	286	Twolick Creek - IUP	
UTLC-204	TL-16	7/26/02		660	8.33	8.33	213.9	0.0		0.46		0.15	0.99	129.1	4	424	Twolick Creek - IUP	
UTLC-204	TL-16	9/9/02		773	8.29	8.29	274.0	<1.0		0.31		0.12	0.94	141.1	<2	534	Twolick Creek - IUP	
UTLC-204	TL-16	9/30/02		626	8.16	8.16	200.7	1.5		0.28		0.22	<0.10	117.3	<2	426	Twolick Creek - IUP	
UTLC-204	TL-16	10/30/02		385	7.21	7.21	86.4	4.7		0.53		0.46	0.23	91.4	6	246	Twolick Creek - IUP	
UTLC-204	TL-16	11/26/02		360	7.49	7.49	81.0	3.7		0.32		0.18	0.20	73.6	<2	226	Twolick Creek - IUP	
UTLC-204	TL-16	12/23/02		219	6.87	6.87	25.5	3.9		0.19		0.11	<0.10	49.6	4	154	Twolick Creek - IUP	
UTLC-204	TL-16	1/30/03		511	7.83	7.83	144.1	1.2		0.59		0.22	0.21	104.3	8	302	Twolick Creek - IUP	
UTLC-204	TL-16	3/4/03		311	7.55	7.55	59.1	3.2		0.31		0.13	0.19	61.7	4	178	Twolick Creek - IUP	
UTLC-204	TL-16	3/30/03		338	7.48	7.48	70.8	6.3		0.37		0.14	0.68	74.9	22	178	Twolick Creek - IUP	
UTLC-204	TL-16	4/30/03	8	488	8.01	8.01	132.8	<1.0		0.31		0.18	<0.10	105.7	6	328	Twolick Creek - IUP	
UTLC-205	TL-17	5/30/02		150	6.91	6.91	24.9	2.8		0.28		0.03	<0.10	28.6	<2	112	Twolick Creek - IUP	
UTLC-205	TL-17	6/28/02		158	6.77	6.77	35.2	2.5		0.36		<0.02	1.15	28.7	26	120	Twolick Creek - IUP	
UTLC-205	TL-17	7/26/02		320	7.37	7.37	54.2	2.3		0.38		0.05	0.93	85.4	<2	248	Twolick Creek - IUP	
UTLC-205	TL-17	9/9/02		218	7.33	7.33	97.8	5.2		0.61		0.17	1.92	23.2	32	128	Twolick Creek - IUP	
UTLC-205	TL-17	9/30/02		208	7.52	7.52	62.9	2.9		0.20		0.05	0.15	32.6	<2	156	Twolick Creek - IUP	
UTLC-205	TL-17	10/30/02		184	6.69	6.69	30.0	3.7		0.16		0.08	<0.10	40.8	6	132	Twolick Creek - IUP	
UTLC-205	TL-17	11/26/02		192	6.76	6.76	23.3	3.7		0.05		0.03	<0.10	41.2	<2	126	Twolick Creek - IUP	
UTLC-205	TL-17	12/23/02		169	6.93	6.93	26.0	5.3		0.04		<0.02	<0.10	36.7	<2	112	Twolick Creek - IUP	
UTLC-205	TL-17	1/30/03		214	6.84	6.84	31.0	2.5		0.06		0.03	<0.10	54.9	4	116	Twolick Creek - IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
UTLC-205	TL-17	3/4/03		193	7.05	7.05	21.6	1.3	0.08		<0.02	0.10	44.0	<2	130	Twolick Creek - IUP		
UTLC-205	TL-17	3/30/03		160	6.71	6.71	22.1	2.9	0.12		<0.02	0.48	39.4	20	88	Twolick Creek - IUP		
UTLC-205	TL-17	4/30/03	7	206	7.19	7.19	33.4	1.2	0.16		0.02	<0.10	51.2	8	156	Twolick Creek - IUP		
UTLC-206	1200333	6/1/02		700	3.81	3.81	1.0	27.6	0.04		1.07	3.24	355.0	1		ICCD - Multi County		
UTLC-206	TL-18	9/9/02		874	4.35	4.35	0.0	30.8	<0.04		0.72	3.79	422.2	<2	796	Twolick Creek - IUP		
UTLC-206	TL-18	9/30/02		873	4.38	4.38	0.0	27.7	0.05		0.64	2.20	443.5	<2	776	Twolick Creek - IUP		
UTLC-206	TL-18	10/30/02		863	4.33	4.33	0.0	32.1	4.14		0.58	2.89	417.3	8	744	Twolick Creek - IUP		
UTLC-206	TL-18	11/26/02		852	4.07	4.07	0.0	67.1	0.10		1.19	5.49	432.2	<2	654	Twolick Creek - IUP		
UTLC-206	TL-18	12/23/02		739	3.91	3.91	0.0	46.7	0.19		0.92	3.80	363.0	<2	648	Twolick Creek - IUP		
UTLC-206	TL-18	1/30/03		797	4.65	4.65	<1.0	26.1	0.09		1.20	2.50	377.5	12	586	Twolick Creek - IUP		
UTLC-206	TL-18	3/4/03		751	3.93	3.93	0.0	29.5	0.16		1.14	3.13	374.7	<2	574	Twolick Creek - IUP		
UTLC-206	TL-18	3/30/03		670	4.61	4.61	<1.0	22.9	0.06		0.81	2.00	329.3	12	492	Twolick Creek - IUP		
UTLC-206	TL-18	4/30/03	5	688	4.61	4.61	<1.0	15.5	0.13		1.02	1.70	367.6	8	652	Twolick Creek - IUP		
UTLC-207	TL-19	9/9/02		484	6.90	6.90	104.6	10.7	0.85		0.14	2.04	138.4	<2	344	Twolick Creek - IUP		
UTLC-207	TL-19	9/30/02		493	7.19	7.19	103.6	9.2	0.72		0.17	<0.10	144.9	<2	356	Twolick Creek - IUP		
UTLC-207	TL-19	10/30/02		492	7.15	7.15	104.1	10.3	0.52		0.13	<0.10	135.5	2	336	Twolick Creek - IUP		
UTLC-207	TL-19	11/26/02		482	7.03	7.03	92.4	11.3	0.43		0.08	0.26	140.4	<2	336	Twolick Creek - IUP		
UTLC-207	TL-19	12/23/02		452	6.80	6.80	95.6	8.5	0.36		0.06	<0.10	111.3	<2	336	Twolick Creek - IUP		
UTLC-207	TL-19	1/30/03		465	6.92	6.92	86.9	5.3	0.37		0.08	<0.10	134.3	2	280	Twolick Creek - IUP		
UTLC-207	TL-19	3/4/03		457	7.05	7.05	83.5	10.7	0.39		0.06	<0.10	126.3	<2	314	Twolick Creek - IUP		
UTLC-207	TL-19	3/30/03		434	7.20	7.20	83.7	7.5	0.29		0.05	0.41	135.9	12	268	Twolick Creek - IUP		
UTLC-207	TL-19	4/30/03	8	433	7.66	7.66	81.8	1.6	0.37		0.06	<0.10	126.1	10	308	Twolick Creek - IUP		
UTLC-208	DEP-TL-8	7/22/98	16922	520	7.60	7.60	114.0	0.0	1.62	0.13	0.22	1.13	125.0			Twolick Study- PADEP		
UTLC-208	TL-1D	5/30/02		325	6.95	6.95	34.0	5.2	2.04		0.26	1.08	101.2	14	216	Twolick Creek - IUP		
UTLC-208	TL-1D	6/28/02		504	7.26	7.26	84.8	2.4	1.90		0.32	0.92	150.5	20	384	Twolick Creek - IUP		
UTLC-208	TL-1D	7/26/02		632	7.41	7.41	99.7	11.6	1.18		0.34	3.10	185.1	2	432	Twolick Creek - IUP		
UTLC-208	TL-1D	9/9/02		806	7.56	7.56	160.0	11.2	0.39		0.35	2.92	227.2	8	550	Twolick Creek - IUP		
UTLC-208	TL-1D	9/30/02		556	7.32	7.32	68.2	5.1	0.90		0.52	0.99	189.6	6	418	Twolick Creek - IUP		
UTLC-208	TL-1D	10/30/02		466	7.15	7.15	77.7	5.3	2.89		0.45	1.28	140.4	14	310	Twolick Creek - IUP		
UTLC-208	TL-1D	11/26/02		449	7.36	7.36	55.5	5.3	2.10		0.38	1.16	116.8	4	292	Twolick Creek - IUP		
UTLC-208	TL-1D	12/23/02		250	6.85	6.85	23.5	6.9	0.99		0.20	0.80	61.9	16	176	Twolick Creek - IUP		
UTLC-208	TL-1D	1/30/03		550	7.10	7.10	71.6	17.3	3.98		0.49	2.66	180.0	10	374	Twolick Creek - IUP		
UTLC-208	TL-1D	3/4/03		372	5.73	5.73	32.0	5.7	1.89		0.33	1.29	101.6	12	228	Twolick Creek - IUP		
UTLC-208	TL-1D	3/30/03		394	6.86	6.86	41.1	5.2	2.15		0.36	1.85	125.4	<2	222	Twolick Creek - IUP		
UTLC-208	TL-1D	4/30/03	7	518	7.29	7.29	63.4	6.1	1.55		0.44	0.69	148.5	12	408	Twolick Creek - IUP		
UTLC-209	TL-1U	5/30/02		331	7.14	7.14	34.7	4.3	2.58		0.25	1.78	104.9	24	226	Twolick Creek - IUP		
UTLC-209	TL-1U	6/28/02		503	7.31	7.31	82.8	1.9	1.45		0.30	0.54	165.4	12	412	Twolick Creek - IUP		
UTLC-209	TL-1U	7/26/02		632	8.10	8.10	116.8	3.1	0.24		0.25	1.66	181.4	8	446	Twolick Creek - IUP		
UTLC-209	TL-1U	9/9/02		797	8.00	8.00	175.6	2.8	0.28		0.26	0.88	235.3	4	512	Twolick Creek - IUP		
UTLC-209	TL-1U	9/30/02		553	7.69	7.69	76.2	4.5	0.31		0.46	<0.10	187.7	<2	424	Twolick Creek - IUP		
UTLC-209	TL-1U	10/30/02		472	7.27	7.27	81.6	4.7	1.65		0.40	0.61	141.0	8	304	Twolick Creek - IUP		
UTLC-209	TL-1U	11/26/02		450	7.38	7.38	56.1	4.4	1.71		0.37	0.84	124.3	2	302	Twolick Creek - IUP		
UTLC-209	TL-1U	12/23/02		250	6.88	6.88	24.3	5.1	0.80		0.20	0.48	62.3	14	146	Twolick Creek - IUP		
UTLC-209	TL-1U	1/30/03		558	7.09	7.09	76.5	9.2	3.29		0.49	1.85	180.6	12	382	Twolick Creek - IUP		
UTLC-209	TL-1U	3/4/03		367	6.29	6.29	39.9	4.9	1.73		0.31	1.03	102.8	12	234	Twolick Creek - IUP		
UTLC-209	TL-1U	3/30/03		393	6.98	6.98	43.2	4.3	1.88		0.35	1.42	127.8	8	222	Twolick Creek - IUP		
UTLC-209	TL-1U	4/30/03	8	515	7.65	7.65	72.0	3.5	1.18		0.42	0.41	152.5	10	408	Twolick Creek - IUP		
UTLC-211	TL-2D	5/30/02		442	6.64	6.64	27.4	6.8	2.05		0.45	2.27	185.5	12	362	Twolick Creek - IUP		
UTLC-211	TL-2D	6/28/02		551	6.73	6.73	36.9	3.5	1.75		0.55	1.77	220.3	30	488	Twolick Creek - IUP		

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH	S.U.			Acidity (mg/l)									
UTLC-211	TL-2D	7/26/02		675		6.74	21.1	6.9		2.20		0.84	5.41	291.5	28	566	Twolick Creek - IUP	
UTLC-211	TL-2D	9/9/02		855		4.93	1.9	19.7		1.77		1.35	3.86	416.8	22	696	Twolick Creek - IUP	
UTLC-211	TL-2D	9/30/02		671		6.90	31.0	7.7		1.25		1.04	1.65	254.8	8	522	Twolick Creek - IUP	
UTLC-211	TL-2D	10/30/02		502		6.70	34.0	8.4		1.90		0.78	2.04	189.0	10	360	Twolick Creek - IUP	
UTLC-211	TL-2D	11/26/02		507		6.96	32.5	7.1		2.86		0.65	2.19	201.8	6	338	Twolick Creek - IUP	
UTLC-211	TL-2D	12/23/02		362		6.78	27.0	8.7		2.09		0.33	1.26	118.8	20	260	Twolick Creek - IUP	
UTLC-211	TL-2D	1/30/03		609		6.30	18.8	10.9		3.59		0.86	3.75	268.0	8	454	Twolick Creek - IUP	
UTLC-211	TL-2D	3/4/03		461		6.79	29.8	6.8		2.14		0.52	1.87	154.7	22	312	Twolick Creek - IUP	
UTLC-211	TL-2D	3/30/03		477		6.69	28.2	5.3		2.53		0.59	2.37	185.1	8	310	Twolick Creek - IUP	
UTLC-211	TL-2D	4/30/03	7	548		7.07	27.1	3.7		2.17		0.72	2.26	224.5	20	506	Twolick Creek - IUP	
UTLC-212	TL-2U	5/30/02		464		6.72	33.0	6.9		1.72		0.44	1.74	196.7	10	382	Twolick Creek - IUP	
UTLC-212	TL-2U	6/28/02		546		6.71	37.3	5.2		1.91		0.55	2.85	204.5	36	442	Twolick Creek - IUP	
UTLC-212	TL-2U	7/26/02		675		5.36	4.5	12.3		2.91		0.88	5.96	306.2	32	566	Twolick Creek - IUP	
UTLC-212	TL-2U	9/9/02		896		4.53	<1.0	59.9		6.62		1.54	12.83	456.3	88	724	Twolick Creek - IUP	
UTLC-212	TL-2U	9/30/02		672		6.77	36.7	9.5		1.79		0.93	1.83	259.4	10	538	Twolick Creek - IUP	
UTLC-212	TL-2U	10/30/02		487		6.80	41.1	7.5		2.00		0.64	1.31	185.9	14	362	Twolick Creek - IUP	
UTLC-212	TL-2U	11/26/02		505		6.99	36.9	6.4		2.85		0.60	1.72	180.7	<2	328	Twolick Creek - IUP	
UTLC-212	TL-2U	12/23/02		342		6.45	25.8	17.3		2.14		0.32	1.32	119.9	18	246	Twolick Creek - IUP	
UTLC-212	TL-2U	1/30/03		621		6.33	19.8	10.4		3.80		0.86	3.75	256.1	24	456	Twolick Creek - IUP	
UTLC-212	TL-2U	3/4/03		460		6.70	30.7	15.6		2.13		0.52	1.79	162.8	22	306	Twolick Creek - IUP	
UTLC-212	TL-2U	3/30/03		479		6.72	29.3	5.6		2.74		0.60	2.55	185.1	12	306	Twolick Creek - IUP	
UTLC-212	TL-2U	4/30/03	7	554		7.16	28.2	3.6		2.66		0.75	2.69	219.6	28	464	Twolick Creek - IUP	
UTLC-213	TL-3D	5/30/02		493		4.53	<1.0	40.8		1.91		0.38	3.22	228.4	10	430	Twolick Creek - IUP	
UTLC-213	47	6/1/02		0		5.70	4.8	9.2		1.36		1.01	2.56	87.0	0		ICCD - Multi County	
UTLC-213	TL-3D	6/28/02		513		4.59	<1.0	33.9		5.24		0.81	5.72	218.5	36	452	Twolick Creek - IUP	
UTLC-213	TL-3D	7/26/02		653		3.73	0.0	56.0		4.74		1.03	7.07	292.4	6	542	Twolick Creek - IUP	
UTLC-213	TL-3D	9/9/02		688		4.17	0.0	41.5		0.36		1.48	3.32	327.7	<2	606	Twolick Creek - IUP	
UTLC-213	TL-3D	9/30/02		758		3.49	0.0	79.1		5.94		1.36	6.30	303.5	<2	604	Twolick Creek - IUP	
UTLC-213	TL-3D	10/30/02		454		6.35	22.6	10.0		0.90		0.70	1.82	160.7	12	344	Twolick Creek - IUP	
UTLC-213	TL-3D	11/26/02		524		6.61	21.8	6.5		1.42		0.76	3.14	210.5	16	360	Twolick Creek - IUP	
UTLC-213	TL-3D	12/23/02		377		6.16	12.5	12.5		0.67		0.42	2.06	149.0	16	306	Twolick Creek - IUP	
UTLC-213	TL-3D	1/30/03		567		4.65	1.2	50.9		2.40		0.93	6.31	263.4	12	442	Twolick Creek - IUP	
UTLC-213	TL-3D	3/4/03		434		4.79	<1.0	18.1		1.87		0.55	3.64	155.4	30	294	Twolick Creek - IUP	
UTLC-213	TL-3D	3/30/03		445		4.54	<1.0	34.5		2.09		0.62	5.14	196.0	4	322	Twolick Creek - IUP	
UTLC-213	TL-3D	4/30/03	4	536		4.30	0.0	51.3		3.67		0.78	6.91	244.3	<2	510	Twolick Creek - IUP	
UTLC-214	TL-4U	5/30/02		434		6.19	11.8	6.0		0.75		0.54	2.13	191.1	14	350	Twolick Creek - IUP	
UTLC-214	46	6/1/02		0		6.30	10.8	3.4		0.44		0.68	0.98	118.0	0		ICCD - Multi County	
UTLC-214	TL-4U	6/28/02		467		7.05	24.3	3.7		0.69		0.54	1.67	197.3	24	370	Twolick Creek - IUP	
UTLC-214	TL-4U	7/26/02	623	544		5.24	2.0	25.9		0.77		0.83	2.64	249.3	16	456	Twolick Creek - IUP	
UTLC-214	TL-4U	9/9/02		678		4.62	<1.0	33.5		0.27		1.54	3.33	332.2	<2	574	Twolick Creek - IUP	
UTLC-214	TL-4U	9/30/02		560		5.93	5.7	6.0		0.60		0.96	<0.10	229.1	<2	430	Twolick Creek - IUP	
UTLC-214	TL-4U	10/30/02		438		6.80	35.1	6.5		0.55		0.58	0.48	161.9	<2	296	Twolick Creek - IUP	
UTLC-214	TL-4U	11/26/02		508		6.83	28.8	9.7		0.48		0.62	1.88	213.3	6	366	Twolick Creek - IUP	
UTLC-214	TL-4U	12/23/02		371		6.71	22.3	7.6		0.46		0.36	1.35	128.0	14	250	Twolick Creek - IUP	
UTLC-214	TL-4U	1/30/03		522		5.63	4.1	10.3		0.79		0.81	3.54	232.4	18	398	Twolick Creek - IUP	
UTLC-214	TL-4U	3/4/03		408		6.55	13.5	5.6		0.45		0.43	1.74	138.7	14	278	Twolick Creek - IUP	
UTLC-214	TL-4U	3/30/03		403		6.53	13.1	5.3		0.59		0.53	2.40	162.8	<2	272	Twolick Creek - IUP	
UTLC-214	TL-4U	4/30/03	6	463		5.64	3.8	10.8		0.53		0.61	1.88	209.0	14	478	Twolick Creek - IUP	
UTLC-215	TL-5D	5/30/02		369		7.13	58.4	5.2		2.79		0.23	1.18	98.1	6	232	Twolick Creek - IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-215	43	6/1/02	18032	310		6.90	66.0	1.0		1.79		0.22	0.81	140.0	2		ICCD - Multi County	
UTLC-215	TL-5D	6/28/02		465		7.40	105.6	4.1		2.45		0.21	0.43	115.3	10	342	Twolick Creek - IUP	
UTLC-215	TL-5D	7/26/02		651		8.05	156.6	7.9		2.14		0.23	1.91	168.6	22	436	Twolick Creek - IUP	
UTLC-215	TL-5D	9/9/02		787		7.57	189.1	9.3		2.91		0.32	0.87	197.6	4	534	Twolick Creek - IUP	
UTLC-215	TL-5D	9/30/02		572		7.37	108.7	6.5		3.96		0.36	1.33	161.2	4	392	Twolick Creek - IUP	
UTLC-215	TL-5D	10/30/02		417		7.33	101.5	8.0		2.64		0.21	0.77	83.2	12	252	Twolick Creek - IUP	
UTLC-215	TL-5D	11/26/02		367		7.28	66.8	7.5		2.47		0.23	1.01	86.7	8	222	Twolick Creek - IUP	
UTLC-215	TL-5D	12/23/02		211		6.72	19.6	7.5		0.93		0.11	0.35	43.7	10	140	Twolick Creek - IUP	
UTLC-215	TL-5D	1/30/03															Twolick Creek - IUP	
UTLC-215	TL-5D	3/4/03		306		7.17	38.8	6.0		2.00		0.16	0.84	69.8	16	214	Twolick Creek - IUP	
UTLC-215	TL-5D	3/30/03		350		7.05	51.6	4.8		2.75		0.27	1.77	95.7	<2	180	Twolick Creek - IUP	
UTLC-215	TL-5D	4/30/03	8	489		7.71	93.6	2.9		2.55		0.28	0.45	135.3	24	380	Twolick Creek - IUP	
UTLC-217	TL-7	5/30/02		1139		3.08	0.0	168.3		9.96		1.35	12.88	364.3	14	846	Twolick Creek - IUP	
UTLC-217	TL-7	6/28/02		1039		3.13	0.0	154.2		17.42		1.36	11.68	405.3	10	806	Twolick Creek - IUP	
UTLC-217	TL-7	7/26/02		877		3.26	0.0	122.0		15.21		1.51	10.75	366.7	2	712	Twolick Creek - IUP	
UTLC-217	TL-7	9/9/02		805		3.82	0.0	95.3		14.83		1.55	9.37	349.2	8	658	Twolick Creek - IUP	
UTLC-217	TL-7	9/30/02		792		4.25	0.0	83.7		16.19		1.72	6.62	342.0	6	664	Twolick Creek - IUP	
UTLC-217	TL-7	10/30/02		774		4.57	<1.0	72.0		15.32		1.56	5.11	339.6	<2	548	Twolick Creek - IUP	
UTLC-217	TL-7	11/26/02		844		3.55	0.0	106.4		14.79		1.58	8.42	357.8	16	566	Twolick Creek - IUP	
UTLC-217	TL-7	12/23/02		949		3.61	0.0	107.6		11.12		1.72	7.50	357.8	20	668	Twolick Creek - IUP	
UTLC-217	TL-7	1/30/03		891		3.40	0.0	133.6		8.74		1.37	11.14	380.3	6	590	Twolick Creek - IUP	
UTLC-217	TL-7	3/4/03		896		3.27	0.0	108.0		14.09		1.74	9.60	397.9	28	568	Twolick Creek - IUP	
UTLC-217	TL-7	3/30/03		924		3.47	0.0	120.1		20.77		1.73	11.09	419.0	84	594	Twolick Creek - IUP	
UTLC-217	TL-7	4/30/03	3	880		3.32	0.0	113.7		24.29		1.92	14.20	362.2	496	750	Twolick Creek - IUP	
UTLC-218	TL-7D	5/30/02		296		6.74	37.2	7.5		2.57		0.15	1.28	87.8	14	210	Twolick Creek - IUP	
UTLC-218	TL-7D	6/28/02		510		7.15	89.3	5.7		2.56		0.34	0.33	140.2	24	384	Twolick Creek - IUP	
UTLC-218	TL-7D	7/26/02		667		7.86	150.4	8.3		3.33		0.32	2.25	196.1	22	464	Twolick Creek - IUP	
UTLC-218	TL-7D	9/9/02		801		7.17	210.5	11.9		5.92		0.25	3.33	190.5	26	560	Twolick Creek - IUP	
UTLC-218	TL-7D	9/30/02		572		7.48	141.9	7.5		3.66		0.18	0.39	140.6	4	354	Twolick Creek - IUP	
UTLC-218	TL-7D	10/30/02		403		7.24	102.5	5.1		1.76		0.13	<0.10	75.7	<2	232	Twolick Creek - IUP	
UTLC-218	TL-7D	11/26/02		358		7.42	74.8	4.3		2.15		0.18	0.59	81.5	12	204	Twolick Creek - IUP	
UTLC-218	TL-7D	12/23/02		207		6.84	32.9	11.2		0.91		0.10	0.26	42.8	8	144	Twolick Creek - IUP	
UTLC-218	TL-7D	1/30/03		508		7.30	113.2	6.1		4.79		0.28	2.21	114.8	12	336	Twolick Creek - IUP	
UTLC-218	TL-7D	3/4/03		306		7.15	46.2	12.4		1.57		0.18	0.88	72.0	18	192	Twolick Creek - IUP	
UTLC-218	TL-7D	3/30/03		365		6.92	49.8	6.0		3.08		0.28	1.92	110.1	28	202	Twolick Creek - IUP	
UTLC-218	TL-7D	4/30/03	8	502		7.59	85.0	4.0		5.19		0.40	1.54	143.6	70	416	Twolick Creek - IUP	
UTLC-219	TL-7U	5/30/02		280		7.04	44.3	4.3		1.76		0.12	0.87	75.8	14	190	Twolick Creek - IUP	
UTLC-219	TL-7U	6/28/02		468		7.51	111.9	3.3		2.55		0.20	<0.10	113.4	2	354	Twolick Creek - IUP	
UTLC-219	TL-7U	7/26/02		642		8.17	188.6	2.0		1.16		0.10	2.31	126.4	2	420	Twolick Creek - IUP	
UTLC-219	TL-7U	9/9/02		776		8.00	252.3	1.9		1.28		0.09	2.68	149.2	12	530	Twolick Creek - IUP	
UTLC-219	TL-7U	9/30/02		556		7.91	156.3	3.3		1.02		0.09	<0.10	115.9	<2	364	Twolick Creek - IUP	
UTLC-219	TL-7U	10/30/02		396		7.47	109.2	3.9		0.89		0.12	<0.10	75.3	<2	244	Twolick Creek - IUP	
UTLC-219	TL-7U	11/26/02		347		7.63	79.1	3.6		0.81		0.16	<0.10	77.5	<2	206	Twolick Creek - IUP	
UTLC-219	TL-7U	12/23/02		203		6.73	24.5	4.5		0.60		0.08	0.29	44.0	6	152	Twolick Creek - IUP	
UTLC-219	TL-7U	1/30/03		518		7.23	111.2	5.9		3.18		0.30	1.40	140.4	10	340	Twolick Creek - IUP	
UTLC-219	TL-7U	3/4/03		301		7.32	49.2	4.8		1.12		0.15	0.66	64.6	16	208	Twolick Creek - IUP	
UTLC-219	TL-7U	3/30/03		340		7.24	61.0	3.7		1.21		0.17	1.00	86.1	18	188	Twolick Creek - IUP	
UTLC-219	TL-7U	4/30/03	8	474		7.86	108.0	2.4		1.28		0.20	0.20	118.8	44	350	Twolick Creek - IUP	
UTLC-220	DIAMOND	6/24/97	552	1080		2.80		392.0		39.70	1.50	1.50	31.80	550.0			Diamondville Remedy	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-220	DIAMOND	7/10/97	162	1300		2.90		404.0		40.50	11.34	1.44	29.70	446.0			Diamondville Remedy	
UTLC-220	DIAMOND	7/28/97	162	1280		3.00		394.0		45.90	25.50	1.57	27.40	417.0			Diamondville Remedy	
UTLC-220	DIAMOND	8/13/97	71	1200		3.00		368.0		53.20	36.72	1.69	27.20	394.0			Diamondville Remedy	
UTLC-220	DIAMOND	9/4/97	57	1030		3.10		340.0		57.80	45.90	1.65	25.90	359.0			Diamondville Remedy	
UTLC-220	DIAMOND	10/2/97	41	1400		3.10		398.0		65.00	47.94	1.73	29.60	628.0			Diamondville Remedy	
UTLC-220	DIAMOND	12/15/97	278	1350		2.90		448.0		61.90	38.25	1.89	32.50	506.0			Diamondville Remedy	
UTLC-220	DIAMOND	5/26/98	458	1550		2.80		186.0		42.90	0.68	1.41	27.40	583.0			Diamondville Remedy	
UTLC-220	DIAMOND	10/27/98		1480		3.10		164.0		47.90	41.31	1.41	23.20	501.0			Diamondville Remedy	
UTLC-220	DIAMOND	5/28/99	278	1480		3.00		364.0		46.10	3.06	1.51	29.20	474.0			Diamondville Remedy	
UTLC-220	DEP-TL-DD	5/28/99	278	3		2.90	0.0	297.0		46.10	3.06	1.51	29.20	474.0	<2		Twolick Study- PADEP	
UTLC-220	TL-8	5/30/02		1790		2.72	0.0	524.3		71.59		1.79	36.13	793.3	<2	1682	Twolick Creek - IUP	
UTLC-220	6	6/1/02		1360		2.55	1.0	516.9		47.20		1.80	37.87	798.1	0		ICCD - Multi County	
UTLC-220	TL-8	6/28/02		1650		2.77	0.0	418.8		43.78		1.59	28.95	666.0	4	1550	Twolick Creek - IUP	
UTLC-220	TL-8	7/26/02	729	1590		2.77	0.0	401.5		50.81		1.62	32.63	760.6	<2	1412	Twolick Creek - IUP	
UTLC-220	TL-8	9/9/02		1635		2.99	0.0	430.7		57.17		1.67	33.77	790.3	<2	1562	Twolick Creek - IUP	
UTLC-220	TL-8	9/30/02		1712		2.96	0.0	434.5		32.57		1.84	37.00	705.5	<2	1542	Twolick Creek - IUP	
UTLC-220	TL-8	10/30/02		1786		2.94	0.0	469.9		75.61		1.80	38.31	852.1	<2	1518	Twolick Creek - IUP	
UTLC-220	TL-8	11/26/02		1788		2.86	0.0	462.9		75.74		1.82	37.43	844.2	26	1340	Twolick Creek - IUP	
UTLC-220	TL-8	12/23/02		1795		3.03	0.0	488.9		90.03		2.02	36.27	732.6	2	1502	Twolick Creek - IUP	
UTLC-220	TL-8	1/30/03		1744		2.88	0.0	490.4		61.50		1.89	40.11	783.7	2	1324	Twolick Creek - IUP	
UTLC-220	TL-8	3/4/03		1618		2.81	0.0	395.9		48.90		1.86	33.27	708.4	<2	1318	Twolick Creek - IUP	
UTLC-220	TL-8	3/30/03		1654		2.77	0.0	426.3		43.16		1.73	36.05	707.8	8	1262	Twolick Creek - IUP	
UTLC-220	TL-8	4/30/03	3	1601		2.84	0.0	390.1		36.60		1.50	31.57	689.1	24	1430	Twolick Creek - IUP	
UTLC-221	DEP-TL-5	7/22/98	14161	410		7.20	126.0	0.0		4.38	0.25	0.24	3.47	100.0			Twolick Study- PADEP	
UTLC-221	TL-8D	5/30/02		802		3.25	0.0	125.7		21.35		0.66	11.26	284.6	36	552	Twolick Creek - IUP	
UTLC-221	TL-8D	6/28/02		617		4.53	<1.0	64.0		14.56		0.64	9.56	271.6	50	532	Twolick Creek - IUP	
UTLC-221	TL-8D	7/26/02		650		8.02	210.7	2.3		0.80		0.08	1.94	123.6	2	432	Twolick Creek - IUP	
UTLC-221	TL-8D	9/9/02		758		8.25	266.0	<1.0		0.33		0.06	1.85	125.9	8	508	Twolick Creek - IUP	
UTLC-221	TL-8D	9/30/02		592		8.23	179.7	<1.0		0.57		0.12	<0.10	125.3	<2	390	Twolick Creek - IUP	
UTLC-221	TL-8D	10/30/02		394		7.37	101.2	3.6		0.54		0.12	<0.10	71.6	2	238	Twolick Creek - IUP	
UTLC-221	TL-8D	11/26/02		355		7.26	82.1	3.7		0.43		0.13	<0.10	60.6	<2	222	Twolick Creek - IUP	
UTLC-221	TL-8D	12/23/02		202		6.96	25.7	6.4		0.56		0.07	0.24	38.8	4	134	Twolick Creek - IUP	
UTLC-221	TL-8D	1/30/03		513		7.33	132.0	7.2		3.39		0.23	1.76	108.4	10	326	Twolick Creek - IUP	
UTLC-221	TL-8D	3/4/03		303		7.48	60.4	3.9		0.46		0.12	0.22	50.9	4	174	Twolick Creek - IUP	
UTLC-221	TL-8D	3/30/03		331		7.32	71.5	4.7		0.33		0.11	0.43	73.7	6	178	Twolick Creek - IUP	
UTLC-221	TL-8D	4/30/03	8	476		7.94	129.9	2.1		0.27		0.13	0.26	95.8	16	354	Twolick Creek - IUP	
UTLC-222	DEP-TL-9	5/28/99	14698	7		8.10	92.0	0.9		0.33	0.07	0.15	<0.02	85.0	<2		Twolick Study- PADEP	
UTLC-222	TL-8U	5/30/02		308		7.33	71.9	3.1		0.33		0.10	0.17	64.7	<2	218	Twolick Creek - IUP	
UTLC-222	TL-8U	6/28/02		453		7.66	135.1	2.1		0.33		0.10	0.55	81.7	10	314	Twolick Creek - IUP	
UTLC-222	TL-8U	7/26/02		652		8.42	215.6	0.0		0.40		0.07	1.86	121.8	2	420	Twolick Creek - IUP	
UTLC-222	TL-8U	9/9/02		767		8.34	269.4	0.0		0.21		0.06	1.74	145.6	8	514	Twolick Creek - IUP	
UTLC-222	TL-8U	9/30/02		593		8.23	183.9	1.2		0.34		0.11	<0.10	113.6	<2	364	Twolick Creek - IUP	
UTLC-222	TL-8U	10/30/02		394		7.58	106.3	4.5		0.44		0.16	<0.10	74.4	<2	240	Twolick Creek - IUP	
UTLC-222	TL-8U	11/26/02		355		7.42	85.4	7.5		0.29		0.13	<0.10	67.5	<2	194	Twolick Creek - IUP	
UTLC-222	TL-8U	12/23/02		202		6.95	27.6	4.5		0.30		0.06	<0.10	43.6	2	144	Twolick Creek - IUP	
UTLC-222	TL-8U	1/30/03		503		7.76	141.7	2.9		0.35		0.17	0.18	94.8	<2	322	Twolick Creek - IUP	
UTLC-222	TL-8U	3/4/03		304		7.69	64.5	3.3		0.29		0.10	0.10	53.5	4	188	Twolick Creek - IUP	
UTLC-222	TL-8U	3/30/03		329		7.35	75.0	3.9		0.29		0.13	0.43	69.9	2	184	Twolick Creek - IUP	
UTLC-222	TL-8U	4/30/03	8	478		8.10	133.0	1.2		0.28		0.14	<0.10	99.1	22	340	Twolick Creek - IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.												
UTLC-223	TL-9	5/30/02		390	3.92	0.0	34.3	0.35		0.46	2.29	160.9	<2	316	Twolick Creek - IUP			
UTLC-223	TL-9	6/28/02		389	3.93	0.0	45.3	0.47		0.51	2.81	156.3	<2	306	Twolick Creek - IUP			
UTLC-223	TL-9	7/26/02	672	423	3.85	0.0	38.0	0.76		0.62	3.54	182.8	<2	346	Twolick Creek - IUP			
UTLC-223	TL-9	9/9/02		461	3.91	0.0	41.9	0.27		0.62	3.83	212.0	<2	368	Twolick Creek - IUP			
UTLC-223	TL-9	9/30/02		491	3.85	0.0	38.4	2.97		0.89	3.08	231.2	<2	414	Twolick Creek - IUP			
UTLC-223	TL-9	10/30/02		458	4.12	0.0	34.9	0.66		1.22	2.62	206.2	<2	344	Twolick Creek - IUP			
UTLC-223	TL-9	11/26/02		502	4.18	0.0	46.0	0.44		0.95	2.96	196.6	2	364	Twolick Creek - IUP			
UTLC-223	TL-9	12/23/02		398	3.83	0.0	47.6	0.46		1.01	3.15	137.8	<2	270	Twolick Creek - IUP			
UTLC-223	TL-9	1/30/03		450	3.87	0.0	51.6	0.45		0.57	2.93	190.3	<2	306	Twolick Creek - IUP			
UTLC-223	TL-9	3/4/03		424	3.81	0.0	40.5	0.42		0.58	2.32	185.0	<2	288	Twolick Creek - IUP			
UTLC-223	TL-9	3/30/03		408	3.65	0.0	45.3	0.42		0.50	3.52	169.5	-2	242	Twolick Creek - IUP			
UTLC-223	TL-9	4/30/03	4	424	3.78	0.0	44.1	0.55		0.47	2.66	166.9	26	352	Twolick Creek - IUP			
UTLC-224	TL-9D	5/30/02		339	6.74	22.2	5.1	0.61		0.28	0.59	122.0	<2	268	Twolick Creek - IUP			
UTLC-224	TL-9D	6/28/02		410	6.71	32.0	2.9	0.57		0.39	1.16	163.7	2	354	Twolick Creek - IUP			
UTLC-224	TL-9D	7/26/02		520	7.19	40.0	4.5	0.71		0.43	0.72	218.1	4	448	Twolick Creek - IUP			
UTLC-224	TL-9D	9/9/02		568	6.88	42.6	4.3	0.89		0.45	2.50	233.5	<2	442	Twolick Creek - IUP			
UTLC-224	TL-9D	9/30/02		535	7.35	42.8	5.2	0.60		0.61	0.18	207.1	<2	420	Twolick Creek - IUP			
UTLC-224	TL-9D	10/30/02		386	6.87	36.8	5.2	1.11		0.88	<0.10	126.0	<2	274	Twolick Creek - IUP			
UTLC-224	TL-9D	11/26/02		383	6.79	28.9	3.9	0.53		0.36	0.32	143.8	<2	264	Twolick Creek - IUP			
UTLC-224	TL-9D	12/23/02		268	6.70	15.8	3.9	0.40		0.21	0.18	83.5	4	172	Twolick Creek - IUP			
UTLC-224	TL-9D	1/30/03		460	6.72	29.0	3.7	0.71		0.46	0.50	182.4	6	320	Twolick Creek - IUP			
UTLC-224	TL-9D	3/4/03		335	7.06	21.4	2.5	0.51		0.27	0.54	117.3	4	228	Twolick Creek - IUP			
UTLC-224	TL-9D	3/30/03		364	6.64	21.9	3.9	0.67		0.32	1.05	132.3	14	220	Twolick Creek - IUP			
UTLC-224	TL-9D	4/30/03	7	437	7.26	27.0	3.3	0.47		0.39	<0.10	179.4	20	356	Twolick Creek - IUP			
UTLC-226	3042055	11/3/86	14	140	7.00	6.00		0.1	0.0	1.59		0.16	<0.135	188		USGS		
UTLC-226	3042055	5/11/87	9	105	6.90	7.00		0.1	0.0	1.43		0.14	1.05	25.0	112		USGS	
UTLC-226	3042055	10/19/87	14	135	8.00	7.10			0.0	0.21		0.09	0.20		100		USGS	
UTLC-226	3042055	6/1/88	9	115	7.60	7.20			0.0	1.29		0.24	0.86		40		USGS	
UTLC-226	3042055	8/17/88	9	106	7.20	7.10			0.0	1.30		0.71	0.30		68		USGS	
UTLC-227	3042045	11/3/86	14	75	6.80	5.80		0.0	28.0	0.41		<0.05	<0.135		50		USGS	
UTLC-227	3042045	5/11/87	108	60	7.10	6.80		0.0	0.0	0.32		<0.05	0.19	26.0	118		USGS	
UTLC-227	3042045	10/19/87	18	90	7.10	6.80				0.30		0.13	0.20				USGS	
UTLC-227	3042045	5/31/88	5	65	7.00	6.90			0.0	0.42		<0.05	0.40		52		USGS	
UTLC-227	3042045	8/17/88	0														USGS	
UTLC-228	3042061	11/3/86	2648	480	7.20	5.90		0.1	0.0	2.06		0.69	<0.135		406		USGS	
UTLC-228	3042061	5/11/87	4937	400	6.80	7.30		0.1	0.0	1.46		0.35	0.60	140.0	354		USGS	
UTLC-228	3042061	10/19/87	2110	510	8.20	7.20			0.0	0.73		0.62	0.20		330		USGS	
UTLC-228	3042061	6/1/88	2379	418	7.20	7.50			0.0	0.40		0.50	0.40		412		USGS	
UTLC-228	3042061	8/17/88	368	737	7.80	8.40			0.0	0.12		0.11	0.20		760		USGS	
UTLC-228	KBLDIX	6/23/99				5.60	3.6		12.4	2.15	0.20	3.70	1.06	328.3	32		Stream Team	
UTLC-228	KBLDIX	1/24/00				7.10	104.0		0.0	3.25	0.79	1.39	0.32	98.0	<2		Stream Team	
UTLC-228	KBLDIX	4/12/00				6.80	36.0		0.0	1.35	0.46	0.97	0.21	69.0	14		Stream Team	
UTLC-228	KBLDIX	7/12/00				7.30	136.0		0.0	1.08	0.21	0.54	0.26	383.0	4		Stream Team	
UTLC-228	KBLDIX	10/17/00				7.30	74.0		0.0	1.68	0.44	0.74	0.28	158.0	54		Stream Team	
UTLC-228	KBLDIX	4/25/02				6.50	30.0		0.0	3.00	0.45	2.39	0.46	175.0	30		Stream Team	
UTLC-228	62	6/1/02		0		6.40	24.0	1.0		1.98		0.38	1.86	103.0	0		ICCD - Multi County	
UTLC-228	KBLDIX	7/20/02		450		6.80	28.0		0.0	2.62	0.02	6.31	1.02	419.0	18		Stream Team	
UTLC-228	KBLDIX	11/5/02				6.60	36.0		0.0	1.94	0.60	1.78	0.01	227.0	10		Stream Team	
UTLC-228	KBLDIX	1/30/03				6.50	20.8		0.0	3.69	2.03	0.96	3.92	318.2	24		Stream Team	



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	
UTLC-228	KBLDIX	6/24/03				6.70	44.0		0.0	2.63	1.41	0.69	2.30	181.7	22		Stream Team	
UTLC-228	KBLDIX	10/31/03				6.80	42.2		0.0	1.68	0.36	0.76	1.73	175.8	12		Stream Team	
UTLC-229	3042075	11/4/86	16607	400	6.00	5.30		0.2	30.0	5.02		0.83	<0.135		350		USGS	
UTLC-229	3042075	5/11/87	26032	340	5.50	5.80		0.2	32.0	3.59		0.48	2.09	140.0	566		USGS	
UTLC-229	3042075	10/19/87	8528	440	7.80	6.50			0.0	1.80		0.73	1.00		348		USGS	
UTLC-229	3042075	6/1/88	10323	364	7.20	6.60			0.0	1.94		0.54	0.90		344		USGS	
UTLC-229	3042075	8/17/88	2289	617	6.30	5.20			12.0	0.24		1.07	0.50		524		USGS	
UTLC-229	KBLTL3	5/12/99				7.00	74.0		0.0	1.88	0.08	1.89	0.40	180.0	<2		Stream Team	
UTLC-229	KBLTL3	4/25/02				6.50	40.0		0.0	3.02	0.83	2.11	0.41	149.0	38		Stream Team	
UTLC-229	KBLTL3	7/20/02		530		8.00	128.0		0.0	0.49	0.06	0.69	0.33	221.0	12		Stream Team	
UTLC-229	KBLTL3	11/5/02				7.10	74.0		0.0	1.78	0.18	1.07	0.46	149.7	4		Stream Team	
UTLC-229	KBLTL3	10/31/03				7.40	57.2		0.0	1.30	0.25	0.32	0.95	97.9	12		Stream Team	
UTLC-231	TL-4	5/30/02		1613		2.74	0.0	571.3		44.02		3.15	59.37	743.7	<2	1740	Twolick Creek - IUP	
UTLC-231	45	6/1/02		0		2.70	1.0	528.0		49.90		5.37	51.80	494.0	0		ICCD - Multi County	
UTLC-231	TL-4	6/28/02		2312		2.63	0.0	996.0		137.58		5.20	97.05	1204.1	8	2160	Twolick Creek - IUP	
UTLC-231	TL-4	7/26/02		2688		2.58	0.0	1553.4		202.16		6.96	164.47	1989.5	6	3638	Twolick Creek - IUP	
UTLC-231	TL-4	9/9/02															Twolick Creek - IUP	
UTLC-231	TL-4	9/30/02		1813		2.71	0.0	636.3		63.86		4.69	54.95	764.5	<2	1888	Twolick Creek - IUP	
UTLC-231	TL-4	10/30/02		1788		2.73	0.0	580.3		39.42		5.05	62.20	849.6	<2	1704	Twolick Creek - IUP	
UTLC-231	TL-4	11/26/02		1434		2.95	0.0	460.1		35.74		3.85	45.98	624.1	2	1070	Twolick Creek - IUP	
UTLC-231	TL-4	12/23/02		985		3.07	0.0	243.1		9.64		1.79	24.19	359.6	2	736	Twolick Creek - IUP	
UTLC-231	TL-4	1/30/03		2170		2.87	0.0	1018.0		79.21		4.96	134.51	1303.5	14	2208	Twolick Creek - IUP	
UTLC-231	TL-4	3/4/03		1592		2.71	0.0	595.7		55.09		2.88	67.01	739.3	10	1360	Twolick Creek - IUP	
UTLC-231	TL-4	3/30/03		1862		2.67	0.0	711.5		53.28		2.94	80.37	851.1	<2	1748	Twolick Creek - IUP	
UTLC-231	TL-4	4/30/03	3	2272		2.70	0.0	1024.8		83.44		3.78	114.50	1280.6	<2	2744	Twolick Creek - IUP	
UTLC-232	TL-5	5/30/02		1727		2.57	0.0	519.1		32.11		1.84	34.59	777.8	<2	1596	Twolick Creek - IUP	
UTLC-232	TL-5	6/28/02		2866		2.48	0.0	815.8		64.34		2.30	52.73	1106.3	2	2618	Twolick Creek - IUP	
UTLC-232	TL-5	7/26/02		3450		2.29	0.0	1098.3		101.22		2.83	72.11	1502.4	8	3158	Twolick Creek - IUP	
UTLC-232	TL-5	9/9/02		3644		2.37	0.0	1202.7		105.74		3.42	60.19	1689.3	<2	3110	Twolick Creek - IUP	
UTLC-232	TL-5	9/30/02		3354		2.39	0.0	1116.0		106.27		3.45	78.07	1418.9	<2	3192	Twolick Creek - IUP	
UTLC-232	TL-5	10/30/02		2586		2.50	0.0	874.7		93.38		3.02	66.73	1227.6	2	2342	Twolick Creek - IUP	
UTLC-232	TL-5	11/26/02		2728		2.62	0.0	977.6		119.54		3.08	70.07	1266.4	2	2014	Twolick Creek - IUP	
UTLC-232	TL-5	12/23/02		1851		2.76	0.0	593.7		76.57		2.28	42.07	683.0	<2	1512	Twolick Creek - IUP	
UTLC-232	TL-5	1/30/03		2196		2.75	0.0	735.1		126.16		2.36	56.47	847.1	78	1782	Twolick Creek - IUP	
UTLC-232	TL-5	3/4/03		1813		2.61	0.0	559.3		82.65		1.79	42.31	752.3	6	1498	Twolick Creek - IUP	
UTLC-232	TL-5	3/30/03		1667		2.69	0.0	428.9		52.38		1.46	32.23	637.6	<2	1046	Twolick Creek - IUP	
UTLC-232	TL-5	4/30/03	3	2144		2.63	0.0	553.3		58.93		1.70	38.67	841.4	4	1857	Twolick Creek - IUP	
UTLC-233	TL-6	5/30/02		489		4.07	0.0	34.1		0.52		2.04	3.10	221.5	<2	424	Twolick Creek - IUP	
UTLC-233	TL-6	6/28/02		557		3.85	0.0	48.0		0.93		2.70	2.69	234.3	2	498	Twolick Creek - IUP	
UTLC-233	TL-6	7/26/02		703		3.68	0.0	64.9		1.30		3.99	4.95	330.0	2	638	Twolick Creek - IUP	
UTLC-233	TL-6	9/9/02		884		3.74	0.0	72.1		1.98		6.02	3.95	434.7	2	820	Twolick Creek - IUP	
UTLC-233	TL-6	9/30/02		813		3.88	0.0	56.3		1.36		6.08	4.95	423.3	<2	778	Twolick Creek - IUP	
UTLC-233	TL-6	10/30/02		594		4.18	0.0	44.1		0.76		3.37	3.16	273.2	4	470	Twolick Creek - IUP	
UTLC-233	TL-6	11/26/02		734		4.18	0.0	63.9		0.87		4.42	5.44	377.0	2	596	Twolick Creek - IUP	
UTLC-233	TL-6	12/23/02		551		4.19	0.0	51.2		0.35		2.66	4.57	240.3	2	450	Twolick Creek - IUP	
UTLC-233	TL-6	1/30/03															Twolick Creek - IUP	
UTLC-233	TL-6	3/4/03		556		4.15	0.0	47.3		0.82		2.55	4.18	263.5	14	446	Twolick Creek - IUP	
UTLC-233	TL-6	3/30/03		517		4.08	0.0	41.3		0.39		2.32	4.24	231.6	<2	346	Twolick Creek - IUP	
UTLC-233	TL-6	4/30/03	4	565		4.02	0.0	47.3		0.52		2.68	3.50	271.9	24	538	Twolick Creek - IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
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			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-234	UT-1	6/30/03	2667	868		8.29	405.7	-1.0		0.21		0.04	-0.10	78.2	16	656	BCWA Assessment-IUP	
UTLC-234	UT-1	7/30/03	4676	742		8.29	322.0	-1.0		0.47		0.07	-0.10	64.1	18	472	BCWA Assessment-IUP	
UTLC-234	UT-1	8/21/03	4246	791		8.15	352.2	-1.0		0.33		-0.02	0.14	72.9	2	520	BCWA Assessment-IUP	
UTLC-234	UT-1	9/28/03	6035	420		7.50	148.6	6.4		0.46		0.06	-0.10	58.1	12	242	BCWA Assessment-IUP	
UTLC-234	UT-1	10/24/03	1455	737		7.98	323.5	1.3		0.17		0.07	-0.10	64.5	-2	440	BCWA Assessment-IUP	
UTLC-234	UT-1	12/7/03	6035	578		8.21	234.7	-1.0		0.28		0.08	0.84	59.8	8	356	BCWA Assessment-IUP	
UTLC-234	UT-1	1/2/04	13201	294		7.80	92.5	2.7		0.36		0.03	0.52	51.9	-2	186	BCWA Assessment-IUP	
UTLC-234	UT-1	2/4/04	13201	785		8.35	356.0	0.0		0.23		0.03	-0.10	70.0	-2	498	BCWA Assessment-IUP	
UTLC-234	UT-1	2/29/04	10507	548		7.79	220.7	-1.0		0.47		0.03	0.94	52.6	-2	312	BCWA Assessment-IUP	
UTLC-234	UT-1	3/27/04	8203	453		8.01	171.6	-1.0		0.30		0.04	0.14	52.1	-2	274	BCWA Assessment-IUP	
UTLC-234	UT-1	4/17/04	10891	364		7.83	133.3	1.9		0.18		0.05	0.52	51.7	2	208	BCWA Assessment-IUP	
UTLC-234	UT-1	5/14/04	5610	414		8.01	170.2	-1.0		0.18		0.03	-0.10	38.5	4	252	BCWA Assessment-IUP	
UTLC-235	UT-2	6/30/03	606	190		7.48	37.3	4.1		0.25		-0.02	-0.10	24.6	18	98	BCWA Assessment-IUP	
UTLC-235	UT-2	7/30/03	826	151		6.97	32.3	2.8		0.38		0.03	-0.10	24.3	40	106	BCWA Assessment-IUP	
UTLC-235	UT-2	8/21/03	857	167		7.14	40.0	1.5		0.41		-0.02	0.31	25.5	8	152	BCWA Assessment-IUP	
UTLC-235	UT-2	9/28/03	348	130		6.57	25.2	3.7		0.42		-0.02	-0.10	23.0	10	84	BCWA Assessment-IUP	
UTLC-235	UT-2	10/24/03	356	141		6.79	26.5	2.7		0.06		-0.02	-0.10	23.7	-2	72	BCWA Assessment-IUP	
UTLC-235	UT-2	12/7/03	348	139		8.08	230.5	5.9		0.19		0.06	0.59	25.0	6	90	BCWA Assessment-IUP	
UTLC-235	UT-2	1/2/04	7651	121		7.02	15.9	3.3		0.28		-0.02	0.50	20.9	2	68	BCWA Assessment-IUP	
UTLC-235	UT-2	2/4/04	7651	162		7.34	37.1	8.0		0.25		0.03	0.26	28.2	2	96	BCWA Assessment-IUP	
UTLC-235	UT-2	2/29/04	4418	137		6.62	17.4	7.1		1.22		0.02	1.20	21.3	18	44	BCWA Assessment-IUP	
UTLC-235	UT-2	3/27/04	2759	135		6.75	19.6	2.5		0.27		0.02	0.50	21.4	-2	56	BCWA Assessment-IUP	
UTLC-235	UT-2	4/17/04	3976	124		6.90	18.1	3.2		0.30		0.02	0.23	22.1	12	80	BCWA Assessment-IUP	
UTLC-235	UT-2	5/14/04	2137	148		7.12	33.5	-1.0		0.20		-0.02	0.16	23.0	2	54	BCWA Assessment-IUP	
UTLC-236	UT-3	6/30/03	368	806		3.24	0.0	56.9		22.10		0.83	0.98	306.5	36	542	BCWA Assessment-IUP	
UTLC-236	UT-3	7/30/03	331	705		3.14	0.0	48.5		20.61		0.84	0.51	307.8	46	522	BCWA Assessment-IUP	
UTLC-236	UT-3	8/21/03	322	805		3.31	0.0	48.0		26.48		0.93	1.62	333.2	34	558	BCWA Assessment-IUP	
UTLC-236	UT-3	9/28/03	290	750		3.72	0.0	71.9		25.53		0.80	0.93	314.5	20	452	BCWA Assessment-IUP	
UTLC-236	UT-3	10/24/03	229	827		3.25	0.0	58.0		25.89		0.95	1.09	352.6	6	462	BCWA Assessment-IUP	
UTLC-236	UT-3	1/2/04		695		4.05	0.0	65.7		18.86		0.65	1.36	291.9	20	390	BCWA Assessment-IUP	
UTLC-236	UT-3	2/29/04	244	823		3.49	0.0	85.3		23.10		0.91	2.21	350.2	12	452	BCWA Assessment-IUP	
UTLC-236	UT-3	3/27/04	517	720		4.89	1.9	52.0		18.74		0.85	1.42	287.7	12	436	BCWA Assessment-IUP	
UTLC-236	UT-3	4/17/04	458	686		4.83	1.3	47.9		20.51		0.84	1.61	285.4	28	462	BCWA Assessment-IUP	
UTLC-236	UT-3	5/14/04	474	711		5.48	6.8	48.9		23.45		1.01	1.12	293.9	36	554	BCWA Assessment-IUP	
UTLC-238	MP-15	9/26/89	3826	511	6.60	6.44	26.3	10.6		2.67		0.74		160.1			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	10/19/89	4051	382	6.80	6.76	30.5	6.7		3.95		0.77		104.9			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	11/16/89	4780	474	6.50	6.45	18.3	10.4		7.31		0.83		160.4			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	12/13/89	532	341	6.70	6.60	19.6	6.3		3.22		0.41		94.9			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	1/3/90	2175	340	6.60	6.58	19.1	6.3		3.30		0.43		97.7			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	7/11/91		342	7.40	7.43	81.0	3.9		2.00		0.25	0.70	118.5			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	10/10/91	2262	704	4.90	6.39	16.2	11.9		42.11		0.06		316.6			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	1/7/92		446	7.20	7.22	55.2	3.8		2.75		0.49	0.79	169.1			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	4/1/92		245	7.70	6.88	18.1	5.3		3.10		0.23	1.00	79.1			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	7/15/92		509	7.00	7.21	35.3	3.3		0.15		0.08	0.25	191.1			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	10/29/92		553	7.00	7.40	50.6	3.5		2.00		0.70	0.19	198.4			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	1/11/93		393	7.40	6.65	36.7	2.8		2.52		0.30	0.65	132.7			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	4/16/93		283	7.00	6.80	28.5	2.9		1.08		0.24	0.64	85.3			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	7/2/93		336	8.10	7.24	39.1	2.7		10.44		0.58	6.92	93.4			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	11/14/93		443	6.10	4.74	2.4	68.5		3.25		0.70	3.85	188.0			Mears Enterprises, Inc.	32900102

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			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-238	MP-15	3/7/94		397	7.20	7.36	61.7	2.7		1.90		0.32	0.98	122.6			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	6/23/94		555	6.60	7.15	56.1	3.1		0.35		0.55	0.14	181.1			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	8/12/94		573	7.30	6.71	58.3	2.8		0.41		0.43	0.24	188.2			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	11/1/94		396	5.50	6.98	46.8	4.1		1.58		0.41	0.76	107.0			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	1/9/95		361	6.10	6.89	37.7	2.1		0.97		0.26	0.21	102.0			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	6/23/95	1003	513	5.60	7.48	57.2	2.9		0.83		0.33	0.31	155.7			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	9/11/95	500	827	7.00	4.47	0.0	31.9		2.48		1.18	5.93	352.2			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	11/14/95		473	7.00	7.01	23.3	2.5		2.64		0.50	1.65	162.4			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	1/18/96		329	6.30	7.16	25.4	1.3		1.92		0.26	0.63	82.1			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	5/3/96		278	7.00	7.07	32.0	2.9		0.92		0.14	0.30	81.2			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	7/30/96		461	7.00	7.53	53.8	3.1		0.95		0.26	0.45	141.9			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	10/15/96		514	7.00	6.93	62.0	4.4		0.65		0.34	0.11	165.5			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	2/19/97		346	7.00	7.18	37.5	2.7		1.31		0.19	0.41	96.1			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	4/14/97		380	7.00	7.16	40.7	2.4		1.16		0.29	0.18	124.2			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	7/14/97		543	7.50	7.57	62.6	3.5		0.25		0.23	0.12	180.7			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	11/17/97	50	1242	5.00	4.85	2.1	20.8		0.10		2.53	2.38	535.2			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	2/27/98		287	7.00	7.50	31.4	2.9		1.27		0.15	0.38	81.1			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	5/20/98		415	7.00	7.28	51.0	2.5		1.66		0.32	0.71	121.8			Mears Enterprises, Inc.	32900102
UTLC-238	MP-15	7/23/98		526	7.00	6.84	56.8	6.1		2.12		0.58	1.73	166.8			Mears Enterprises, Inc.	32900102
UTLC-240	MP-41	7/9/85	13000	200	6.50	7.22	17.0	7.0		7.77		0.82		33.0			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	8/27/85	670	140	6.10												M.B. Energy, Inc.	32860110
UTLC-240	MP-41	10/2/85	795	140	6.90	7.48	55.0	4.0		0.54		0.04		15.0			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	11/3/85		170	7.70												M.B. Energy, Inc.	32860110
UTLC-240	MP-41	12/4/85		100	6.20	7.41	8.0	2.0		0.13		0.02		24.0			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	1/3/86		130	6.80	6.82											M.B. Energy, Inc.	32860110
UTLC-240	MP-41	11/27/87	122	126	7.30	7.80	24.0	2.0		0.17		<0.04		15.6			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	3/11/88	301	103	7.20	7.66	10.1	2.9		0.09		<0.04		17.5			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	6/21/88	26	158	7.30	7.30	37.5	1.3		0.66		0.06		15.0			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	8/17/88	10	210	7.60	7.64	62.4	3.9		0.30		0.05		19.5			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	2/11/89	137	117	6.90	6.73	14.8	1.8		0.09		<0.02		22.0			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	4/21/89	243	111	7.10	7.05	15.9	1.1		0.18		<0.02		22.3			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	7/1/89	665	102	6.60	6.51	15.5	5.1		0.37		0.06		17.1			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	10/12/89	261	142	7.00	6.98	32.6	2.3		0.46		0.02		20.7			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	12/13/89	62	133	7.30	7.11	23.1	2.0		0.05		<0.02		18.8			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	3/21/90	2337	97	7.00	6.90	11.4	1.6		0.12		0.02		9.6			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	6/5/90	414	111	7.30	7.30	19.4	2.1		0.26		0.02		18.2			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	8/8/90	672	110	7.40	7.41	19.5	1.4		0.42		0.04		19.0			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	12/14/90	436	102	6.80	6.92	12.9	1.8		0.13		0.02		20.9			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	2/8/91	1976	90	6.70	6.67	6.4	3.0		0.19		0.04		19.0			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	4/1/91	2205	96	7.00	6.97	11.0	1.6		0.26		0.04		19.7			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	8/23/91	132	164	7.20	7.30	49.7	1.7		0.31		0.05		21.6			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	10/10/91	156	203	7.80	7.74	62.8	2.9		0.19		0.02		28.5			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	3/9/92	1058	115	7.50	6.12	7.4	1.2		0.12		0.02		20.7			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	4/22/92	932	99	7.20	6.78	11.0	2.5		0.19		0.03		18.6			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	9/14/92	1908	100	6.80	7.02	16.9	2.0		0.25		0.02		12.3			M.B. Energy, Inc.	32860110
UTLC-240	MP-41	11/9/92	8679	98	7.20	6.88	10.0	4.3		0.13		0.03		18.6			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	7/9/85	19500	320	5.50	6.40	23.0	7.0		4.24		0.51		69.0			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	8/27/85	1570	600	7.50												M.B. Energy, Inc.	32860110
UTLC-241	MP-46	10/2/85	2660	290	6.50	7.24	34.0	4.0		0.47		0.67		238.0			M.B. Energy, Inc.	32860110

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-241	MP-46	11/8/85		420	7.70												M.B. Energy, Inc.	32860110
UTLC-241	MP-46	12/4/85		365	6.40	7.06	18.0	4.0		0.56		0.32		131.0			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	1/3/86		450	6.00												M.B. Energy, Inc.	32860110
UTLC-241	MP-46	11/27/87	670	452	7.00	7.40	32.0	3.0		0.14		0.38		134.0			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	3/11/88	1900	300	7.00	7.16	12.0	5.5		0.17		0.19		206.4			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	6/21/88	875	535	7.20	7.13	33.3	2.5		0.62		0.37		188.6			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	8/17/88	260	582	7.70	7.44	37.2	3.6		0.54		0.40		218.1			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	12/13/88	1172	529	7.30	7.29	39.0	3.5		0.12		0.44		186.4			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	2/11/89	1810	440	7.10	6.92	27.8	3.2		0.72		0.29		163.8			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	4/21/89	2546	438	7.00	6.93	24.5	3.0		1.61		0.37		161.0			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	7/1/89	1771	332	6.70	6.68	25.8	4.4		0.45		0.25		101.9			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	10/12/89	65	499	6.90	6.87	35.1	3.8		0.83		0.46		163.6			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	3/21/90	10250	318	7.10	7.15	24.3	2.6		0.65		0.25		82.7			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	6/5/90	2140	414	7.20	7.19	30.2	2.8		0.63		0.29		151.3			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	8/8/90	4684	442	7.20	7.17	34.1	4.5		0.65		0.38		168.4			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	12/14/90		392	6.90	6.97	26.1	3.6		0.82		0.31		158.2			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	2/8/91		222	6.80	6.85	14.7	3.6		0.73		0.17		66.9			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	4/1/91		286	7.20	7.17	22.5	2.4		0.52		0.22		95.4			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	8/23/91	4335	534	7.10	7.11	44.5	3.1		1.03		0.37		224.6			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	10/10/91	2246	561	5.80	7.32	37.6	4.3		0.64		0.44		243.0			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	3/9/92		331	7.40	6.94	23.9	1.7		1.16		0.26		101.9			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	4/22/92		344	7.10	6.97	23.6	4.0		0.60		0.24		120.8			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	9/14/92		480	7.00	7.13	34.5	3.2		0.60		0.37		165.3			M.B. Energy, Inc.	32860110
UTLC-241	MP-46	11/9/92		313	7.20	7.20	24.2	6.8		0.64		0.28		96.2			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	7/17/85	4500	430	6.80	7.20	17.0	33.0		1.37		0.42		146.0			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	8/27/85	1880	600	5.50												M.B. Energy, Inc.	32860110
UTLC-242	MP-67	10/2/85	3730	450	5.70	7.78	22.0	3.0		1.39		0.55		237.0			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	11/8/85		490	5.90												M.B. Energy, Inc.	32860110
UTLC-242	MP-67	12/4/85		340	6.00	6.71	9.0	4.0		1.38		0.30		123.0			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	1/3/86		405	6.40												M.B. Energy, Inc.	32860110
UTLC-242	MP-67	11/27/87	975	426	7.60	7.20	25.0	6.0		0.23		0.37		132.9			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	3/11/88	2100	275	7.30	7.19	12.4	4.0		0.24		0.20		73.6			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	6/21/88	920	533	7.00	6.90	22.4	3.2		0.61		0.36		185.2			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	8/17/88	280	591	6.90	6.92	26.8	3.5		1.03		0.33		216.9			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	12/13/88	1274	497	7.10	7.04	28.1	5.5		0.13		0.52		189.3			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	2/11/89	1871	417	6.80	6.68	19.5	5.0		1.42		0.35		158.3			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	4/21/89	2876	420	6.80	6.60	14.2	4.1		1.89		0.45		161.6			M.B. Energy, Inc.	32860110
UTLC-242	MP-67	7/1/89	2671	308	6.60	6.52	19.4	8.2		0.69		0.27		86.2			M.B. Energy, Inc.	32860110
UTLC-242	TL-11U	5/30/02		329		6.84	23.9	4.5		0.43		0.24	0.44	115.7	2	264	Twolick Creek - IUP	
UTLC-242	TL-11U	6/28/02		414		6.72	34.9	3.1		0.37		0.32	1.03	160.0	2	338	Twolick Creek - IUP	
UTLC-242	TL-11U	7/26/02		516		7.24	41.5	4.8		0.46		0.37	0.16	208.9	2	406	Twolick Creek - IUP	
UTLC-242	TL-11U	9/9/02		565		6.89	42.5	5.2		0.28		0.44	2.37	229.9	6	460	Twolick Creek - IUP	
UTLC-242	TL-11U	9/30/02		528		7.24	44.9	5.1		0.40		0.57	<0.10	202.5	2	410	Twolick Creek - IUP	
UTLC-242	TL-11U	10/30/02		368		6.84	37.3	5.9		1.05		0.77	<0.10	107.1	6	242	Twolick Creek - IUP	
UTLC-242	TL-11U	11/26/02		381		6.80	29.4	4.1		0.46		0.30	0.35	128.0	<2	240	Twolick Creek - IUP	
UTLC-242	TL-11U	12/23/02		269		6.78	17.1	3.9		0.28		0.18	0.19	74.9	2	190	Twolick Creek - IUP	
UTLC-242	TL-11U	1/30/03		456		6.80	32.5	4.3		0.50		0.41	0.46	167.2	<2	326	Twolick Creek - IUP	
UTLC-242	TL-11U	3/4/03		304		6.94	20.5	2.9		0.36		0.22	0.31	80.2	<2	230	Twolick Creek - IUP	
UTLC-242	TL-11U	3/30/03		358		6.74	24.3	9.1		0.56		0.27	1.11	120.1	10	214	Twolick Creek - IUP	

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-242	TL-11U	4/30/03	7	432		7.05	28.9	2.9		0.28		0.33	0.37	152.4	8	346	Twolick Creek - IUP	
UTLC-243	F	8/15/84	95	220	6.00	5.70	2.0	14.0		3.50		1.60	0.40	90.0			North Cambria Fuel Co.	32860109
UTLC-243	F	11/12/84	225	240	6.00	6.00	4.0	7.0		2.10		1.50	0.50	91.0			North Cambria Fuel Co.	32860109
UTLC-243	F	2/5/85	15	300	5.90	5.20	2.0	18.0		8.20		1.80	0.40	180.0			North Cambria Fuel Co.	32860109
UTLC-243	F	6/14/85	10	310	4.00	3.60	0.0	21.0		0.35		1.78		144.0			North Cambria Fuel Co.	32860109
UTLC-243	F	9/6/85	1	835	4.00	3.00	0.0	79.0		6.35		6.89		407.0			North Cambria Fuel Co.	32860109
UTLC-243	F	12/9/85	15	310	6.00	5.90	4.0	14.0		3.36		1.19		137.0			North Cambria Fuel Co.	32860109
UTLC-243	F	2/6/86	300	172	5.00	5.00	3.0	17.0		0.58		0.81		51.0			North Cambria Fuel Co.	32860109
UTLC-243	F	12/14/89	5	317	4.10	4.03	0.0	13.6		4.72		1.20		112.5			North Cambria Fuel Co.	32860109
UTLC-243	F	2/9/90	261	203	5.10	5.17	1.6	6.4		0.68		0.68		57.7			North Cambria Fuel Co.	32860109
UTLC-243	F	4/18/90	108	210	4.80	4.50	0.0	6.9		0.38		0.72		83.8			North Cambria Fuel Co.	32860109
UTLC-243	F	8/7/90	1223	904	4.00	3.82	0.0	28.0		15.14		4.01		366.1			North Cambria Fuel Co.	32860109
UTLC-243	F	12/26/90	107	190	5.50	5.38	1.9	7.9		0.52		0.70		62.8			North Cambria Fuel Co.	32860109
UTLC-243	F	1/22/91	172	197	4.40	4.54	<1.0	17.7		1.78		0.74		74.9			North Cambria Fuel Co.	32860109
UTLC-243	F	5/16/91	87	356	4.00	3.75	0.0	36.9		5.33		1.26		137.2			North Cambria Fuel Co.	32860109
UTLC-243	F	7/25/91	3	582	4.40	4.24	0.0	71.2		0.23		4.56		249.9			North Cambria Fuel Co.	32860109
UTLC-243	F	10/24/91	2	759	3.80	3.77	0.0	47.6		2.31		5.57		381.4			North Cambria Fuel Co.	32860109
UTLC-243	F	1/24/92	438	171	5.70	4.79	1.5	9.2		0.38		0.45		64.1			North Cambria Fuel Co.	32860109
UTLC-243	F	4/30/92	228	245	5.50	4.36	0.0	13.4		2.19		0.51		92.3			North Cambria Fuel Co.	32860109
UTLC-243	F	9/17/92	162	343	4.40	3.81	0.0	25.0		4.04		0.97		109.4			North Cambria Fuel Co.	32860109
UTLC-243	F	12/21/92	477	195	6.50	5.09	1.9	6.6		0.42		0.79		67.7			North Cambria Fuel Co.	32860109
UTLC-243	F	2/9/93	102	265	5.50	4.21	0.0	24.0		2.82		0.67		87.9			North Cambria Fuel Co.	32860109
UTLC-243	F	4/12/93	153	199	5.00	5.08	2.0	12.4		1.35		0.61		71.7			North Cambria Fuel Co.	32860109
UTLC-243	F	7/15/93	2	698	3.80	3.15	0.0	61.6		4.84		3.09		263.2			North Cambria Fuel Co.	32860109
UTLC-243	F	11/7/93	120	324	6.30	5.64	4.8	12.4		3.16		0.62		134.2			North Cambria Fuel Co.	32860109
UTLC-243	F	2/24/94	390	197	6.60	5.87	5.8	4.5		0.36		0.57		69.0			North Cambria Fuel Co.	32860109
UTLC-243	F	6/9/94	78	905	6.60	7.26	56.9	34.7		15.14		4.92		498.8			North Cambria Fuel Co.	32860109
UTLC-243	F	9/12/94	1	721	4.10	3.23	0.0	65.7		3.63		3.71		211.1			North Cambria Fuel Co.	32860109
UTLC-243	F	12/13/94		270	6.20	5.96	4.2	4.0		0.78		0.44		92.9			North Cambria Fuel Co.	32860109
UTLC-243	F	2/17/95	93	218	6.00	5.67	2.4	5.5		0.39		0.46		74.1			North Cambria Fuel Co.	32860109
UTLC-243	F	4/12/95	44	215	7.20	5.90	2.9	6.4		1.48		0.42		77.1			North Cambria Fuel Co.	32860109
UTLC-243	F	8/11/95	6	239	6.50	4.31	0.0	12.0		1.89		0.72		72.1			North Cambria Fuel Co.	32860109
UTLC-243	F	11/29/95	22	211	4.50	6.31	5.1	2.8		0.60		0.33		73.9			North Cambria Fuel Co.	32860109
UTLC-243	F	2/14/96	5	163	6.00	5.80	3.0	6.8		1.46		0.40		55.3			North Cambria Fuel Co.	32860109
UTLC-243	F	6/29/96	50	718	6.00	3.97	0.0	27.1		10.18		2.79		339.8			North Cambria Fuel Co.	32860109
UTLC-243	F	9/12/96	35	143	7.00	6.47	6.9	3.9		1.25		0.35		47.1			North Cambria Fuel Co.	32860109
UTLC-244	MP-4	6/1/86	500	112	7.10	7.00	15.2	3.1		0.52		0.05		17.7			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	7/1/86	700	115	7.20	7.10	16.0	2.7		0.42		<0.04		18.6			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	8/1/86	200	275	7.50	7.60	54.1	4.0		0.70		0.10		116.7			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	9/1/86	50	375	7.20	7.50	53.3	3.6		0.73		0.09		11.1			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	12/1/86	650	98	6.50	6.40	8.8	4.5		0.12		0.04		17.7			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	1/10/87	230	120	6.40	6.50	11.2	3.9		0.15		0.04		20.6			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	4/7/87	100	102	6.30	6.42	9.5	4.6		0.31		0.04		23.0			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	12/14/89	104	96	6.50	6.39	8.0	3.1		0.18		0.04		10.1			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	3/21/90	2238	98	6.80	6.85	11.4	2.0		0.14		0.06		8.5			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	6/5/90	387	113	6.90	6.81	19.5	2.3		0.44		0.07		18.6			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	8/8/90	264	118	7.20	7.20	20.1	2.7		0.34		0.04		20.7			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	12/14/90	364	103	6.90	6.83	12.0	2.2		0.21		0.04		20.5			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	2/8/91	1852	94	6.60	6.57	5.9	5.4		0.20		0.05		19.1			M.B. Energy, Inc.	32890106

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-244	MP-4	4/1/91	2150	97	6.80	6.92	10.1	1.8		0.23		0.05		19.7			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	9/1/91	115	170	7.10	7.12	53.6	2.3		0.38		0.03		22.7			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	10/10/91	31	213	5.70	7.57	69.8	3.8		0.34		0.04		27.5			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	3/9/92	752	115	7.40	6.05	7.3	3.1		0.20		0.04		22.1			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	4/22/92	896	98	7.30	6.66	10.3	3.8		0.18		0.04		17.9			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	9/14/92	1876	102	6.70	7.04	17.0	2.5		0.26		0.04		9.5			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	11/9/92	8562	101	7.60	6.78	9.9	6.8		0.11		0.06		17.7			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	1/11/93	1147	102	7.20	6.89	9.1	2.8		0.11		0.04		18.5			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	5/5/93	867	99	6.80	6.66	12.0	2.4		0.16		0.03		17.1			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	7/16/93	25	132	8.50	7.65	37.7	1.7		0.53		0.21		4.5			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	12/28/93	175	131	7.60	7.85	16.4	3.2		0.12		0.05		19.5			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	3/28/94		71	7.50	6.49	6.2	2.8		0.16		0.04		14.1			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	5/23/94	98	96	7.90	6.21	17.4	8.3		0.31		0.06		16.2			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	7/7/94	300	110	8.30	7.06	24.0	1.6		0.43		0.08		13.0			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	11/21/94		95	6.90	6.76	12.3	2.7		0.47		0.03		16.8			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	1/19/95		98	6.90	6.57	11.0	1.2		0.12		0.03		16.0			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	4/18/95	300	96	7.70	6.50	10.7	1.9		0.14		0.03		16.7			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	9/11/95	20	164	7.00	6.70	60.9	3.2		1.04		0.43		6.4			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	11/8/95	350	118	7.00	6.94	14.6	2.0		0.13		0.04		23.8			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	3/31/96	500	96	7.00	6.08	9.0	2.5		0.16		0.03		18.9			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	5/30/96	400	100	6.80	7.08	14.4	2.3		0.17		0.04		16.5			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	7/30/96	275	108	7.00	6.98	17.6	3.5		0.32		0.05		15.6			M.B. Energy, Inc.	32890106
UTLC-244	MP-4	10/26/96	400	101	7.00	6.49	11.1	5.6		0.10		0.03		21.0			M.B. Energy, Inc.	32890106
UTLC-245	MP-5	7/10/96		0		6.40	44.0			0.45		0.51	0.60	185.7			FNR Mining Company	32880109
UTLC-245	MP-5	11/12/96		0		6.50	24.0			0.34		0.28	0.66	90.6			FNR Mining Company	32880109
UTLC-245	MP-5	1/9/97		0		6.20	30.0			0.31		0.40	0.67	113.5			FNR Mining Company	32880109
UTLC-245	MP-5	4/4/97		0		6.70	32.0			<0.3		0.25	<0.50	100.1			FNR Mining Company	32880109
UTLC-245	MP-5	9/16/97		0		6.30	52.0			0.50		0.43	<0.50	209.8			FNR Mining Company	32880109
UTLC-246	MP-6	7/10/96		0		3.60	0.0	58.0		1.53		1.39	5.44	353.8			FNR Mining Company	32880109
UTLC-246	MP-6	11/12/96		0		3.80	0.0	32.0		0.39		1.15	2.78	175.7			FNR Mining Company	32880109
UTLC-246	MP-6	1/9/97		0		3.90	0.0	38.0		0.39		1.09	3.50	251.5			FNR Mining Company	32880109
UTLC-246	MP-6	4/4/97		0		3.80	0.0	32.0		0.30		1.07	2.84	251.8			FNR Mining Company	32880109
UTLC-246	MP-6	9/16/97		0		3.60	0.0	62.0		1.44		1.54	5.03	524.1			FNR Mining Company	32880109
UTLC-247	10	3/18/81	75000	220	5.10	5.70	6.0	6.0		1.83		0.98		98.0			Russellville Coal Co., Inc.	32800104
UTLC-247	10	6/10/83	10000	300	7.10	6.90	14.0			0.39		0.20		124.0			Russellville Coal Co., Inc.	32800104
UTLC-247	10	9/13/83	5000	340	7.50	7.50	38.0			0.15		0.61		124.0			Russellville Coal Co., Inc.	32800104
UTLC-247	10	12/16/83	50000	210	7.00	6.90	18.0			0.12		0.10		63.0			Russellville Coal Co., Inc.	32800104
UTLC-247	10	3/9/84	10000	200	6.90	6.70	8.0			0.27		0.16		35.0			Russellville Coal Co., Inc.	32800104
UTLC-247	10	5/18/84	10000	240	6.90	6.70	10.0	6.0		0.12		0.16		40.0			Russellville Coal Co., Inc.	32800104
UTLC-247	10	8/16/84	10000	225	7.40	7.30	22.0			0.14		0.09		42.0			Russellville Coal Co., Inc.	32800104
UTLC-247	10	12/20/84	30000	143	6.60	6.60	12.0			0.30		0.13		42.0			Russellville Coal Co., Inc.	32800104
UTLC-247	10	3/19/85	18000	170	5.90	5.90	6.0	9.0		1.64		0.10		100.4			Russellville Coal Co., Inc.	32800104
UTLC-247	10	6/6/85	15000	125	6.70	6.60	13.0	6.0		1.40		0.18		69.4			Russellville Coal Co., Inc.	32800104
UTLC-247	10	9/4/85	5000	405	7.00	7.00	29.0	4.0		0.40		0.05		126.4			Russellville Coal Co., Inc.	32800104
UTLC-247	10	10/11/85	10000	500	7.00	6.90	30.0	5.0		0.53		0.23		174.3			Russellville Coal Co., Inc.	32800104
UTLC-247	10	3/10/86	3000	165	7.00	6.80	16.0	3.0		1.62		0.13		40.4			Russellville Coal Co., Inc.	32800104
UTLC-247	10	5/19/86	2800	395	7.00	7.40	31.0	3.0		0.38		0.19		78.6			Russellville Coal Co., Inc.	32800104
UTLC-247	10	9/11/86	2000	460	7.50	7.70	68.0	5.0		0.31		0.13		348.0			Russellville Coal Co., Inc.	32800104
UTLC-248	CB-10	3/17/94	550	234	6.50	6.64	7.8	2.6		0.21		0.30		68.0			T.L.H. Coal Company	32823066

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UTLC-248	CB-10	5/24/94	240	351	7.00	7.07	17.1			0.19		0.08		137.4			T.L.H. Coal Company	32823066
UTLC-248	CB-10	9/22/94	460	338	6.70	7.16	18.5			0.10		0.04		171.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	11/10/94	400	191	6.80	6.10	25.4			0.20		0.03		45.5			T.L.H. Coal Company	32823066
UTLC-248	CB-10	1/31/95	400	410	6.80	7.00	49.3			0.24		0.11		142.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	5/23/95	325	338	7.30	6.75	41.3			0.17		0.06		132.8			T.L.H. Coal Company	32823066
UTLC-248	CB-10	8/24/95	100	566	7.20	7.54	58.8			0.11		0.01		184.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	11/21/95	800	228	6.70	5.88	12.9	31.0		0.11		0.13		75.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	1/5/96	980	259	6.80	6.46	18.0			0.03		0.19		79.8			T.L.H. Coal Company	32823066
UTLC-248	CB-10	4/2/96	900	216	6.80	6.02	9.1	5.8		0.15		0.24		84.1			T.L.H. Coal Company	32823066
UTLC-248	CB-10	9/24/96	870	230	6.30	6.01	15.9			0.31		0.49		87.2			T.L.H. Coal Company	32823066
UTLC-248	CB-10	11/19/96	950	258	6.60	5.90	15.0			0.08		0.25		82.2			T.L.H. Coal Company	32823066
UTLC-248	CB-10	2/7/97	1075	213	6.30	6.35	10.0	0.1		0.14		0.24		64.5			T.L.H. Coal Company	32823066
UTLC-248	CB-10	5/8/97	430	221	6.50	6.40	16.8			0.10		0.09		86.4			T.L.H. Coal Company	32823066
UTLC-248	CB-10	1/15/98	440	206	6.60	5.95	16.5	11.7		0.10		0.26		97.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	4/28/98	900	169	6.60	6.20	8.8	3.5		0.17		0.16		66.7			T.L.H. Coal Company	32823066
UTLC-248	CB-10	9/15/98	24	449	6.50	6.79	58.0			0.12		0.01		184.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	11/10/98	45	530	6.70	6.53	40.5			0.20		0.11		104.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	3/11/99	400	249	6.50	6.12	11.0	8.2		0.16		0.23		92.8			T.L.H. Coal Company	32823066
UTLC-248	CB-10	4/15/99	520	215	6.30	5.67	9.3			0.12		0.13		97.6			T.L.H. Coal Company	32823066
UTLC-248	CB-10	9/28/99	35	417	6.70	5.82	61.0			0.09		0.03		96.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	11/18/99	110	351	6.40	6.43	32.0			0.06		0.01		164.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	3/23/00	900	215	6.30	6.99	9.3	5.3		0.14		0.15		47.8			T.L.H. Coal Company	32823066
UTLC-248	CB-10	6/15/00	260	354	6.60	7.15	24.8			0.11		0.04		117.8			T.L.H. Coal Company	32823066
UTLC-248	CB-10	9/19/00	175	343	6.50	7.32	41.5			0.05		0.01		84.6			T.L.H. Coal Company	32823066
UTLC-248	CB-10	11/15/00	260	245	7.00	6.10	16.5	1.5		0.15		0.05		51.7			T.L.H. Coal Company	32823066
UTLC-248	CB-10	3/14/01	650	158	6.00	6.01	8.3	5.2		0.12		0.18		44.2			T.L.H. Coal Company	32823066
UTLC-248	CB-10	5/23/01	720	310	7.10	6.19	22.8			0.10		0.04		84.7			T.L.H. Coal Company	32823066
UTLC-248	CB-10	9/13/01	75	447	5.70	6.42	88.3			0.08		0.03		169.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	12/13/01	140	285	6.60	6.05	50.8	4.2		0.12		0.03		60.0			T.L.H. Coal Company	32823066
UTLC-248	CB-10	3/7/02	470	213	6.30	6.36	11.0			0.07		0.19		35.0			T.L.H. Coal Company	32823066
UTLC-249	MP-1	5/6/87	390	173	6.40	7.60	28.0	2.0		0.19		0.08		31.0			FNR Mining Company	32880102
UTLC-249	MP-1	6/16/87	80	310		7.90	142.0			4.13		1.97		11.0			FNR Mining Company	32880102
UTLC-249	MP-1	9/28/87	75	210	7.50	7.60	62.0			0.46		0.04		25.0			FNR Mining Company	32880102
UTLC-249	MP-1	12/28/87	230	170	5.90	7.10	24.0	4.0		0.10		0.13		26.0			FNR Mining Company	32880102
UTLC-249	MP-1	2/2/88	250	240	6.90	6.80	42.0	4.0		0.58		0.26		31.0			FNR Mining Company	32880102
UTLC-249	MP-1	3/23/88	260	500	7.30	6.90	50.0			0.43		0.27		31.0			FNR Mining Company	32880102
UTLC-249	MP-1	8/22/88	0														FNR Mining Company	32880102
UTLC-249	MP-1	11/15/88	160	275	6.10	7.60	46.0	5.0		0.37		0.62		28.0			FNR Mining Company	32880102
UTLC-249	MP-1	3/27/89	620	450	5.60	7.50	68.0			0.17		0.24		110.0			FNR Mining Company	32880102
UTLC-249	MP-1	6/26/89	110	270	6.10	6.20	43.7			1.88		0.55		9.0			FNR Mining Company	32880102
UTLC-249	MP-1	9/12/89	45	290	6.30	6.40	67.7	4.0		0.94		0.28		11.0			FNR Mining Company	32880102
UTLC-249	MP-1	12/29/89	205	210	6.80	6.80	18.0			0.39		0.28		22.0			FNR Mining Company	32880102
UTLC-249	MP-1	3/13/90	62	217	7.00	7.30	39.0			0.96		0.56		22.0			FNR Mining Company	32880102
UTLC-249	MP-1	5/20/90	125	260	8.40	7.40	50.0			0.62		0.34		27.0			FNR Mining Company	32880102
UTLC-249	MP-1	9/27/90	50	300		7.60	80.0	2.0		1.82		0.65		23.0			FNR Mining Company	32880102
UTLC-249	MP-1	12/10/90	72	240	7.80	6.80	34.0	4.0		0.42		0.28		24.0			FNR Mining Company	32880102
UTLC-249	MP-1	3/13/91	35	200	6.90	6.90	24.0			0.24		0.21		36.0			FNR Mining Company	32880102
UTLC-250	MP-1	6/23/99		769	7.50	7.45	172.2	1.3		2.49		0.31	1.16	189.2			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	7/22/99		763	7.50	7.86	168.0	1.6		1.59		0.39	0.73	192.6			Mears Enterprises, Inc.	32990111

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	pH S.U.			Acidity (mg/l)									
UTLC-250	MP-1	8/11/99		771	7.50	7.61	165.1	3.9		2.28		0.43	1.19	228.5			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	9/9/99		620	7.50	7.48	126.2	3.7		1.51		0.30	0.77	171.1			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	10/22/99		628	7.00	7.88	144.0	<1.0		2.86		0.38	0.71	143.6			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	1/4/00		595	7.00	7.51	149.6	1.2		2.11		0.38	0.74	210.1			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	5/4/00		620	7.00	7.42	130.6	1.3		2.68		0.32	1.09	165.2			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	9/5/00		396	7.00	7.16	65.8	2.8		2.02		0.41	0.88	111.0			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	12/4/00		339	6.20	7.12	49.1	5.2		2.80		0.37	1.33	99.1			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	2/22/01		349	6.50	7.01	39.8	3.3		1.67		0.36	1.08	99.8			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	5/15/01		534	7.40	7.60	95.1	5.3		2.29		0.37	1.22	134.4			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	7/31/01		746	8.00	8.00	193.2	<1.0		1.94		0.32	0.79	167.2			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	11/30/01		328	7.50	7.10	46.4	6.5		1.40		0.48	0.92	86.9			Mears Enterprises, Inc.	32990111
UTLC-250	MP-1	3/1/02		389	7.00	7.34	55.8	1.7		3.36		0.38	1.62	114.1			Mears Enterprises, Inc.	32990111
UTLC-250	TL-6D	5/30/02		336		7.05	46.4	4.9		2.56		0.32	1.14	101.5	<2	214	Twolick Creek - IUP	
UTLC-250	44	6/1/02	242	400		4.00	1.0	40.0		0.66		2.06	3.86	200.0	2		ICCD - Multi County	
UTLC-250	MP-1	6/6/02		305	7.20	7.05	48.7	4.3		2.48		0.46	1.87	90.4			Mears Enterprises, Inc.	32990111
UTLC-250	TL-6D	6/28/02		472		7.30	99.6	2.0		2.36		0.32	0.51	127.7	16	142	Twolick Creek - IUP	
UTLC-250	TL-6D	7/26/02		648		8.13	154.2	3.7		2.04		0.32	1.53	171.3	2	438	Twolick Creek - IUP	
UTLC-250	TL-6D	9/9/02		781		7.77	201.0	4.3		2.05		0.34	2.54	191.4	6	558	Twolick Creek - IUP	
UTLC-250	TL-6D	9/30/02		567		7.51	111.3	5.2		3.16		0.35	1.28	149.8	6	374	Twolick Creek - IUP	
UTLC-250	TL-6D	10/30/02		429		7.21	99.2	6.7		2.90		0.24	0.86	90.0	8	270	Twolick Creek - IUP	
UTLC-250	TL-6D	11/26/02		364		7.30	67.1	4.8		2.43		0.26	0.79	98.7	10	218	Twolick Creek - IUP	
UTLC-250	TL-6D	12/23/02		210		6.91	22.4	3.5		0.91		0.12	0.34	46.0	8	134	Twolick Creek - IUP	
UTLC-250	TL-6D	1/30/03		522		7.19	95.7	10.3		5.15		0.36	2.32	147.7	16	350	Twolick Creek - IUP	
UTLC-250	TL-6D	3/4/03		319		7.24	41.5	4.0		2.08		0.22	1.11	81.3	20	192	Twolick Creek - IUP	
UTLC-250	TL-6D	3/30/03		351		7.04	52.0	4.4		2.33		0.25	1.51	103.3	20	184	Twolick Creek - IUP	
UTLC-250	TL-6D	4/30/03	8	488		7.78	94.5	2.5		2.73		0.29	0.73	132.6	36	408	Twolick Creek - IUP	
UTLC-251	MP-2	5/6/87	525	250	7.10	7.90	50.0	2.0		0.13		0.09		78.0			FNR Mining Company	32880102
UTLC-251	MP-2	6/16/87	280	440		7.90	124.0			0.66		1.52		220.0			FNR Mining Company	32880102
UTLC-251	MP-2	9/28/87	110	265	7.10	7.90	94.0			0.18		0.14		96.0			FNR Mining Company	32880102
UTLC-251	MP-2	12/28/87	425	280	7.00	6.90	58.0			0.02		0.11		74.0			FNR Mining Company	32880102
UTLC-251	MP-2	2/20/88	350	16	6.70	6.90	50.0	4.0		0.58		0.23		60.0			FNR Mining Company	32880102
UTLC-251	MP-2	3/23/88	265	250	7.30	7.20	54.0			0.18		0.17		66.0			FNR Mining Company	32880102
UTLC-251	MP-2	8/22/88	20	530	6.10	8.50	98.0			0.01		0.13		220.0			FNR Mining Company	32880102
UTLC-251	MP-2	11/15/88	260	450	7.10	7.40	86.0			0.17		0.54		215.0			FNR Mining Company	32880102
UTLC-251	MP-2	3/27/89	250	250	5.70	7.00	20.0	6.0		0.21		0.14		26.0			FNR Mining Company	32880102
UTLC-251	MP-2	6/26/89	175	600	6.40	6.80	119.6	2.3		0.93		0.38		108.0			FNR Mining Company	32880102
UTLC-251	MP-2	9/12/89	170	580	6.00	6.40	84.8	4.5		0.83		0.75		199.0			FNR Mining Company	32880102
UTLC-251	MP-2	12/29/89	425	393	7.10	7.60	61.0			0.50		0.32		100.0			FNR Mining Company	32880102
UTLC-251	MP-2	3/13/90	150	485	7.50	7.90	87.0			0.51		0.53		120.0			FNR Mining Company	32880102
UTLC-251	MP-2	5/30/90	210	460	8.00	8.00	111.0			0.53		0.38		96.0			FNR Mining Company	32880102
UTLC-251	MP-2	9/27/90	60	550		7.60	152.0			0.60		0.82		186.0			FNR Mining Company	32880102
UTLC-251	MP-2	12/10/90	85	530	8.00	7.30	130.0			0.29		0.34		200.0			FNR Mining Company	32880102
UTLC-251	MP-2	3/13/91	95	410	7.00	7.70	110.0			0.12		0.15		225.0			FNR Mining Company	32880102
UTLC-252	MP-4	6/23/99		784	8.00	8.38	237.7			0.30		0.09	<0.10	149.6			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	7/22/99		817	8.00	8.36	238.8			0.34		0.09	<0.10	166.4			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	8/11/99		786	8.00	8.40	241.7			0.32		0.05	<0.10	148.6			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	9/9/99		642	8.00	7.76	187.1			0.34		0.07	<0.10	115.8			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	10/22/99		623	7.50	7.86	174.8	1.6		0.38		0.11	<0.10	114.0			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	11/10/99		596	7.50	7.85	163.5	1.3		0.29		0.07	0.13	114.0			Mears Enterprises, Inc.	32990111



**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					pH S.U.	S.U.			Acidity (mg/l)									
UTLC-252	MP-4	5/4/00		399	7.50	7.40	96.2	1.2		<0.04		<0.02	<0.1	81.3			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	9/5/00		382	7.40	7.41	92.4	2.4		0.59		0.20	0.21	79.3			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	12/4/00		330	6.60	7.59	71.6	3.6		0.41		0.16	<0.10	65.7			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	2/22/01		326	6.90	7.45	56.7	2.4		0.30		0.16	0.28	75.3			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	5/15/01		551	7.70	8.21	153.2	2.1		0.24		0.13	0.10	108.7			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	7/31/01		749	8.00	8.19	252.6	<1.0		0.29		0.06	0.10	134.3			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	11/30/01		298	7.50	7.43	63.4	3.3		0.45		0.14	0.24	51.9			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	3/1/02		382	7.80	7.91	89.3	1.5		0.45		0.15	0.36	73.5			Mears Enterprises, Inc.	32990111
UTLC-252	MP-4	6/6/02		285	7.30	7.40	70.0	3.5		0.82		0.16	0.67	53.2			Mears Enterprises, Inc.	32990111
UTLC-253	DEP-TL-3	7/22/98	5377	610		8.40	252.0	0.0		0.58	0.08	0.04	0.20	98.0			Twolick Study- PADEP	
UTLC-254	DEP-TL-4	7/22/98	12454	410		7.70	136.0	0.0		3.02	0.16	0.18	2.80	72.0			Twolick Study- PADEP	
UTLC-254	DEP-TL-4	7/23/98		760		8.10	150.0	0.0		0.76	0.14	0.09	0.36	92.0			Twolick Study- PADEP	
UTLC-255	DEP-TL-6	7/22/98	13216	460		7.60	118.0	0.0		1.92	0.14	0.16	0.78	127.0			Twolick Study- PADEP	
UYC-007	MP-18	8/10/00	0														Alverda Enterprises, Inc.	32010110
UYC-007	MP-18	9/19/00	0	64	6.10	6.20	14.0	4.0		1.84		0.04	0.20	13.0			Alverda Enterprises, Inc.	32010110
UYC-007	MP-18	10/8/00	1	60	6.40	6.30	14.0	2.0		1.92		0.39	0.42	14.0			Alverda Enterprises, Inc.	32010110
UYC-007	MP-18	11/13/00	0	71	6.00	6.00	16.0	10.0		2.27		0.86	0.20	13.0			Alverda Enterprises, Inc.	32010110
UYC-007	MP-18	12/4/00	1	68	5.80	5.60	16.0	10.0		1.04		0.61	0.13	15.0			Alverda Enterprises, Inc.	32010110
UYC-007	MP-18	1/4/01	0														Alverda Enterprises, Inc.	32010110
UYC-007	MP-18	2/12/01	0														Alverda Enterprises, Inc.	32010110
UYC-007	MP-18	3/10/01	0														Alverda Enterprises, Inc.	32010110
UYC-007	MP-18	4/12/01		76	6.50	6.50	12.0			0.35		0.05	0.14	20.0			Alverda Enterprises, Inc.	32010110
UYC-007	MP-18	5/7/01		104	6.20	6.20	12.0			0.38		0.08	0.17	19.0			Alverda Enterprises, Inc.	32010110
UYC-008	601468	6/1/02	1170	475		6.06	18.0	1.0		0.19		0.09	0.10	226.0	2		ICCD - Multi County	
UYC-009	601497	6/1/02		165		6.25	30.4	1.0		0.11		0.61	0.10	33.7	5		ICCD - Multi County	
UYC-011	601499	6/1/02	225	500		5.03	1.0	14.8		0.87		1.09	3.17	250.0	7		ICCD - Multi County	
UYC-012	17	6/1/02		0		6.41	30.0	1.0		0.62		0.09	0.50	25.0	3		ICCD - Multi County	
UYC-013	18	6/1/02		0		6.50	144.0	1.0		13.20		2.34	0.50	149.0	3		ICCD - Multi County	
UYC-014	19	6/1/02		73		6.40	13.2	5.4		0.23		0.07	0.79	18.0	0		ICCD - Multi County	
UYC-015	20	6/1/02		0		6.10	74.0	8.6		31.30		3.68	0.50	234.0	3		ICCD - Multi County	
UYC-016	21	6/1/02		399		6.70	50.0	1.0		1.97		1.39	0.14	112.0	0		ICCD - Multi County	
UYC-017	22	6/1/02		0		6.40	48.0	1.0		5.12		2.07	0.50	213.0	3		ICCD - Multi County	
UYC-018	23	6/1/02		360		6.90	46.0	1.0		0.26		0.11	0.20	100.0	0		ICCD - Multi County	
UYC-019	24	6/1/02		507		7.80	55.0	0.0		0.00		0.00	0.00	0.0	0		ICCD - Multi County	
UYC-020	63	6/1/02		0		6.60	11.8	1.0		0.12		0.03	0.14	58.0	0		ICCD - Multi County	
UYC-021	0	6/1/02		0		6.50	32.0	1.0		0.22		0.13	0.48	95.0	0		ICCD - Multi County	
UYC-022	101033	6/1/02		310		7.45	58.0	1.0		0.08		0.05	0.10	74.0	1		ICCD - Multi County	
UYC-023	101035	6/1/02		440		5.92	21.2	1.0		0.02		0.02	0.10	29.0	1		ICCD - Multi County	
UYC-024	101036	6/1/02		500		6.81	17.6	1.0		0.10		0.05	0.10	23.0	5		ICCD - Multi County	
UYC-025	101037	6/1/02		350		4.88	5.2	8.0		0.41		0.37	4.38	140.0	10		ICCD - Multi County	
UYC-026	KBLYL2	5/27/99								0.06	<0.02	<0.02	0.01				Stream Team	
UYC-026	KBLYL2	6/23/99				7.30	80.0		0.0	0.05	0.03	<0.02	0.02	104.6	16		Stream Team	
UYC-026	KBLYL2	1/24/00				7.00	42.0		0.0	0.19	0.02	<0.02	0.09	95.0	2		Stream Team	
UYC-026	KBLYL2	10/11/00				7.20	54.0		0.0	0.34	0.03	<0.02	0.12	42.0	4		Stream Team	
UYC-026	KBLYL2	4/15/02				7.00	32.0		0.0	0.12	0.02	0.20	0.02	39.5	2		Stream Team	
UYC-026	KBLYL2	7/13/02				7.70	62.0		0.0	0.13	0.02	0.20	0.08	59.9	26		Stream Team	
UYC-026	KBLYL2	11/5/02				6.80	42.0		0.0	0.05	<0.02	<0.02	<0.01	45.9	4		Stream Team	
UYC-026	KBLYL2	1/25/03		110		6.90	20.2		0.0	0.00	0.10	0.00	0.00	33.8	20		Stream Team	
UYC-026	KBLYL2	4/27/03		188		7.00	42.4		0.0	0.08	0.04	0.03	<0.02	49.1	<2		Stream Team	

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow (gmp)	Conductivity (umhos/cm)	Field pH	Lab pH	Alkalinity (mg/l)	Acidity (mg/l)	Hot Acidity (mg/l)	Total Fe (mg/l)	Ferrous Iron (mg/l)	Total Mn (mg/l)	Total Al (mg/l)	Total Sulfate (mg/l)	TSS (mg/l)	TDS (mg/l)	SOURCE	Permit
					S.U.	S.U.			(mg/l)									
UYC-026	KBLYL2	8/2/03				7.30	31.8		0.0	0.53	0.06	0.05	0.23	35.0	4		Stream Team	
UYC-026	KBLYL2	10/25/03		175		6.50	27.4		0.0	0.36	0.07	0.06	<0.20	43.1	6		Stream Team	
UYC-032	601498	6/1/02	1000	790		6.26	84.4	1.0		0.44		0.37	0.13	228.0	26		ICCD - Multi County	
UYC-039	3042280	11/4/86	17953	175	7.30	5.90		0.0	8.0	0.17		<0.05	0.70		118		USGS	
UYC-039	3042280	5/11/87	43537	135	6.70	6.90		0.0	0.0	0.15		<0.05	<0.135	34.0	142		USGS	
UYC-039	3042280	10/19/87	10323		6.90							0.00					USGS	
UYC-039	3042280	10/20/87	10323	185	6.90	6.80			0.0	<0.1		<0.05	<0.135		102		USGS	
UYC-039	3042280	6/1/88	15709	142	7.40	7.00			0.0	0.27		0.12	0.20		100		USGS	
UYC-039	3042280	8/17/88	4264	151	7.40	7.20			0.0	0.10		<0.05	0.20		112		USGS	
UYC-039	MP-63	2/22/96		214	6.50	6.72	8.5	2.1		0.78		0.54	0.40	70.4			M.B. Energy, Inc.	32990102
UYC-039	MP-63	3/29/96	600	321	6.50	6.38	13.4	3.5		0.47		0.91	0.24	127.3			M.B. Energy, Inc.	32990102
UYC-039	MP-63	4/24/96		349	7.00	6.79	14.0	4.7		0.90		1.09	0.19	144.5			M.B. Energy, Inc.	32990102
UYC-039	MP-63	5/21/96		420	7.00	6.67	18.4	5.5		0.80		1.37	0.33	172.7			M.B. Energy, Inc.	32990102
UYC-039	MP-63	6/24/96		370	7.00	6.66	10.4	3.6		0.86		1.47	0.39	148.6			M.B. Energy, Inc.	32990102
UYC-039	MP-63	7/16/96		538	7.00	7.17	24.1	4.9		1.02		1.73	0.33	231.2			M.B. Energy, Inc.	32990102
UYC-039	MP-63	9/6/97	55	648	7.50	6.02	10.7	10.8		1.13		1.65	0.24	289.7			M.B. Energy, Inc.	32990102
UYC-039	MP-63	12/31/97	350	341	6.50	6.71	17.4	10.3		1.04		1.10	0.26	124.0			M.B. Energy, Inc.	32990102
UYC-039	MP-63	1/28/98		311	6.50	6.99	16.1	14.1		0.72		0.80	0.25	106.9			M.B. Energy, Inc.	32990102
UYC-039	MP-63	4/27/98		175	7.00	6.80	9.0	2.1		0.72		0.58	0.27	57.5			M.B. Energy, Inc.	32990102
UYC-039	MP-63	8/19/98	250	633	7.00	6.57	19.4	3.7		1.63		2.19	<0.10	290.9			M.B. Energy, Inc.	32990102
UYC-039	MP-63	10/26/98	8	663	7.00	6.41	16.8	4.6		1.47		1.84	<0.10	311.6			M.B. Energy, Inc.	32990102
UYC-039	MP-63	11/18/98	325	608	6.50	6.44	14.3	24.3		1.90		2.66	0.68	285.5			M.B. Energy, Inc.	32990102
UYC-039	MP-63	12/28/98	525	377	6.50	6.70	13.4	2.9		1.59		1.61	0.13	151.4			M.B. Energy, Inc.	32990102
UYC-039	MP-63	1/22/99		176	6.50	6.22	8.4	3.3		1.32		0.46		49.2			M.B. Energy, Inc.	32990102
UYC-039	MP-63	5/16/00	175	567	6.50	5.77	18.6	12.0		1.63		2.85	0.37	289.9			M.B. Energy, Inc.	32990102
UYC-039	MP-63	8/24/00	150	422	6.00	6.74	26.0	3.9		1.34		0.76	0.18	166.1			M.B. Energy, Inc.	32990102
UYC-039	MP-63	10/19/00	280	219	6.50	6.60	16.8	4.4		0.96		0.48	0.14	75.0			M.B. Energy, Inc.	32990102
UYC-039	MP-63	2/13/01	550	243	6.50	6.94	15.7	6.1		0.65		0.65	0.15	76.9			M.B. Energy, Inc.	32990102
UYC-039	MP-63	4/5/01	105	388	7.20	7.03	21.7	3.9		0.84		0.84	<0.10	168.5			M.B. Energy, Inc.	32990102
UYC-039	MP-63	9/13/01	100	756	7.00	6.58	15.4	9.9		1.87		1.87	<0.10	394.8			M.B. Energy, Inc.	32990102
UYC-039	MP-63	12/20/01	1200	205	6.50	6.88	13.0	4.9		0.40		0.40	0.14	58.8			M.B. Energy, Inc.	32990102
UYC-039	MP-63	2/19/02	500	0	7.00	6.71	33.2	3.6		0.59		1.05	<0.10	127.5			M.B. Energy, Inc.	32990102
UYC-039	MP-63	5/8/02	0														M.B. Energy, Inc.	32990102
UYC-040	3042185	11/3/86	4488	320	7.20	5.90		0.0	0.0	0.11		0.08	<0.135		276		USGS	
UYC-040	3042185	5/11/87	11670	240	7.10	7.10		0.1	0.0	0.02		0.08	<0.135	67.0	260		USGS	
UYC-040	3042185	10/19/87	4937	335	6.80	7.00			0.0	0.14		0.09	<0.135		144		USGS	
UYC-040	3042185	6/1/88	4937	275	7.60	7.40			0.0	0.21		0.05	<0.13		<2		USGS	
UYC-040	3042185	8/17/88	1032	426	7.50	7.80			0.0	0.12		<0.05	<0.135		336		USGS	
UYC-040	KBLYL3	5/27/99				6.80	36.0		0.0	0.14	0.05	<0.2	0.02	59.0	<2		Stream Team	
UYC-040	KBLYL3	6/23/99				7.30	72.0		0.0	0.08	<0.02	<0.02	0.01	159.9	8		Stream Team	
UYC-040	KBLYL3	4/15/02				7.00	32.0		0.0	0.20	0.02	0.20	0.04	73.0	2		Stream Team	
UYC-040	KBLYL3	7/13/02				7.70	58.0		0.0	3.46	0.29	1.67	0.25	102.0	22		Stream Team	
UYC-040	KBLYL3	1/25/03		220		7.60	23.0		0.0	0.00	0.02	0.00	0.00	48.2	8		Stream Team	
UYC-040	KBLYL3	4/27/03		270		7.10	41.8		0.0	0.12	0.02	0.03	<0.02	78.8	<2		Stream Team	
UYC-040	KBLYL3	8/2/03				7.20	29.4		0.0	0.99	0.06	0.08	0.62	38.9	24		Stream Team	
UYC-040	KBLYL3	10/25/03		150		6.70	37.0		0.0	0.17	0.05	0.07	<0.02	65.2	<2		Stream Team	
UYC-041	MP-1	1/3/98	145	330	7.30	7.00	31.0	11.0		0.56		0.18	0.65	42.3			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	2/2/98	132	230	6.80	7.00	24.0	-4.0		0.36		0.15	0.19	45.3			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	3/2/98	128	200	6.40	6.60	18.0	-1.0		0.35		0.15	0.44	29.8			Alverda Enterprises, Inc.	32980103

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UYC-041	MP-1	4/1/98	85	220	6.90	7.17	30.0	-12.0		0.42		0.10	0.36	52.5			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	5/2/98	56	250	6.70	6.90	28.0	-10.0		0.38		0.11	0.24	46.4			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	6/1/98	47	284	6.80	7.05	34.0	-9.0		0.28		0.13	0.14	54.4			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	9/28/98	2	330	7.00	6.76	40.0	-32.0		0.43		0.45	0.26	81.3			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	12/26/98	2	248	6.70	6.84	32.0	-12.0		0.37		0.28	0.16	61.5			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	3/27/99	85	245	6.80	6.97	24.0			0.16		0.17	0.25	50.6			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	6/26/99	7	325	7.00	7.13	46.0			0.72		0.43	0.59	72.9			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	9/18/99	13	375	7.30	7.25	56.0			1.08		1.00	0.30	84.2			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	12/29/99	35	220	6.50	6.62	4.0	4.0		0.49		0.13	0.31	34.3			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	3/30/00	75	262	7.00	6.97	28.0			0.38		0.15	0.25	48.8			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	6/23/00	95	335	7.00	7.20	46.0			1.08		0.16	1.38	37.0			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	9/30/00	25	240	7.00	7.04	40.0			1.02		0.18	1.21	31.5			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	12/29/00		260	6.50	6.77	25.0			0.60		0.28	0.40	45.2			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	3/23/01	125	760	6.80	6.60	27.0			0.35		0.12	0.45	53.6			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	6/29/01	30	300	7.20	7.00	54.0			0.79		0.27	0.70	45.4			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	9/29/01	10	369	7.00	7.10	62.0			0.27		0.82	0.47	54.0			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	12/22/01	45	243	7.00	6.90	30.0			0.30		0.12	0.07	56.0			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	3/28/02	90	208	7.00	7.00	24.0			0.32		0.14	0.21	44.0			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	6/29/02	12	183	7.50	7.60	56.0			0.63		0.18	0.25	19.0			Alverda Enterprises, Inc.	32980103
UYC-041	MP-1	9/12/02	1	301	7.90	7.50	76.0			2.24		1.00		36.0			Alverda Enterprises, Inc.	32980103
UYC-042	MP-2A	11/30/00	30	225	4.80	4.50	6.0	8.0		0.12		0.18	0.28	84.0			Alverda Enterprises, Inc.	32010110
UYC-042	MP-2A	12/4/00	25	238	4.50	4.50	10.0	8.0		0.03		0.16	0.32	93.0			Alverda Enterprises, Inc.	32010110
UYC-042	MP-2A	1/4/01	25	239	5.00	4.80	6.0	6.0		0.12		0.18	0.26	112.0			Alverda Enterprises, Inc.	32010110
UYC-042	MP-2A	2/12/01	35	284	4.80	4.70	6.0	6.0		0.04		0.14	0.22	109.0			Alverda Enterprises, Inc.	32010110
UYC-042	MP-2A	3/10/01	30	497	4.50	4.60	6.0	26.0		0.18		9.97	2.77	235.0			Alverda Enterprises, Inc.	32010110
UYC-042	MP-2A	4/12/01	38	200	4.50	4.50	4.0	6.0		0.08		0.20	0.31	86.0			Alverda Enterprises, Inc.	32010110
UYC-043	MP-48	2/23/96		154	7.00	6.93	12.1	1.7		0.16		0.10	0.14	34.7			M.B. Energy, Inc.	32990102
UYC-043	MP-48	3/29/96		148	7.50	6.40	10.6	1.6		0.24		0.05	0.27	27.2			M.B. Energy, Inc.	32990102
UYC-043	MP-48	4/24/96		152	7.00	6.91	12.0	2.1		0.15		0.08	0.10	31.3			M.B. Energy, Inc.	32990102
UYC-043	MP-48	5/21/96		132	7.00	6.68	12.8	4.1		0.17		0.07	0.13	27.8			M.B. Energy, Inc.	32990102
UYC-043	MP-48	6/24/96		139	7.00	6.95	16.1	2.4		0.19		0.13	0.16	30.7			M.B. Energy, Inc.	32990102
UYC-043	MP-48	7/16/96		153	7.00	7.12	19.7	3.3		0.14		0.06	0.16	31.7			M.B. Energy, Inc.	32990102
UYC-043	MP-48	10/26/98	1000	172	7.00	6.65	25.3	4.9		0.66		0.21	<0.10	35.4			M.B. Energy, Inc.	32990102
UYC-043	MP-48	11/18/98		178	6.50	6.98	26.2	4.0		0.10		0.03	0.11	40.5			M.B. Energy, Inc.	32990102
UYC-043	MP-48	12/28/98		186	6.50	6.88	25.2	4.9		0.22		0.07	0.16	39.0			M.B. Energy, Inc.	32990102
UYC-043	MP-48	1/22/99		174	6.50	6.49	16.8	2.7		0.22		0.14	0.13	32.3			M.B. Energy, Inc.	32990102
UYC-043	MP-48	2/23/99		131	6.50	6.62	11.8	1.9		0.11		0.07	<0.10	24.6			M.B. Energy, Inc.	32990102
UYC-043	MP-48	3/22/99		141	6.50	6.29	12.3	2.5		0.20		0.08	0.16	24.5			M.B. Energy, Inc.	32990102
UYC-043	MP-48	5/16/00		142	7.00	6.34	13.2	3.9		0.09		0.04	0.17	31.3			M.B. Energy, Inc.	32990102
UYC-043	MP-48	8/24/00		171	6.00	7.18	30.2	3.5		0.27		0.13	<0.10	27.8			M.B. Energy, Inc.	32990102
UYC-043	MP-48	10/19/00		183	7.00	6.93	20.0	4.1		0.59		0.34	0.27	34.9			M.B. Energy, Inc.	32990102
UYC-043	MP-48	2/13/01		172	6.50	7.82	17.7	3.3		0.42		0.12	0.17	29.4			M.B. Energy, Inc.	32990102
UYC-043	MP-48	4/5/01		157	7.00	6.96	14.6	3.3		0.20		0.07	0.11	25.1			M.B. Energy, Inc.	32990102
UYC-043	MP-48	9/12/01		195	7.30	4.56	<1.0	93.7		<0.04		<0.02	<0.1	32.0			M.B. Energy, Inc.	32990102
UYC-043	MP-48	12/18/01		191	7.00	7.11	27.8	4.5		0.83		1.29	0.17	38.4			M.B. Energy, Inc.	32990102
UYC-043	MP-48	2/19/02		177	7.00	6.49	19.1	2.9		0.15		0.05	0.15	34.7			M.B. Energy, Inc.	32990102
UYC-043	MP-48	5/8/02		139	7.00	6.43	15.4	2.9		0.22		0.10	<0.10	29.0			M.B. Energy, Inc.	32990102
UYC-050	MP-7	8/20/98	2	386	7.00	7.00	46.3	2.5		0.47		0.44	<0.10	85.6			Ridge Energy Company	32980201
UYC-050	MP-7	9/29/98	10	358	7.00	6.90	51.0	3.9		0.52		0.56	<0.10	82.4			Ridge Energy Company	32980201

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UYC-050	MP-7	10/24/98	10	354	6.50	6.64	37.6	5.7		0.57		0.74	<0.10	92.7			Ridge Energy Company	32980201
UYC-050	MP-7	11/11/98	75	314	6.50	6.64	35.2	4.1		0.40		0.36	<0.10	58.8			Ridge Energy Company	32980201
UYC-050	MP-7	12/22/98	700	221	7.00	6.67	24.7	4.4		0.43		0.16	0.24	39.2			Ridge Energy Company	32980201
UYC-050	MP-7	1/28/99	420	226	6.00	6.49	15.3	3.5		0.14		0.23	0.38	50.8			Ridge Energy Company	32980201
UYC-050	MP-7	7/22/99	5	361	7.00	7.35	64.3	3.2		0.61		0.63	<0.10	71.7			Ridge Energy Company	32980201
UYC-050	MP-7	10/4/99	45	320	6.50	7.10	44.9	3.5		0.66		0.55	0.43	65.4			Ridge Energy Company	32980201
UYC-050	MP-7	1/4/00	375	406	7.00	6.69	42.0	6.1		1.22		0.22	0.72	38.2			Ridge Energy Company	32980201
UYC-050	MP-7	5/30/00		270	7.00	6.68	17.5	3.6		0.35		0.53	0.83	80.8			Ridge Energy Company	32980201
UYC-050	MP-7	7/31/00	5	423	6.50	6.39	41.2	2.7		1.00		1.69	0.19	129.3			Ridge Energy Company	32980201
UYC-050	MP-7	12/11/00	30	957	7.00	6.82	27.9	8.1		0.61		0.75	0.49	80.0			Ridge Energy Company	32980201
UYC-050	MP-7	1/11/01	30	507	6.00	6.76	28.4	4.5		0.63		0.92	0.13	84.3			Ridge Energy Company	32980201
UYC-050	MP-7	5/15/01	10	374	7.20	7.07	32.7	5.6		0.38		0.83	0.24	101.0			Ridge Energy Company	32980201
UYC-050	MP-7	8/13/01	2	476	6.60	6.67	59.4	4.4		0.24		0.83	0.36	127.7			Ridge Energy Company	32980201
UYC-050	MP-7	11/20/01	35	407	6.50	7.11	51.4	6.9		0.68		1.25	0.10	78.4			Ridge Energy Company	32980201
UYC-050	MP-7	3/27/02	60	208	6.50	6.42	14.7	3.7		1.22		0.44	0.73	57.8			Ridge Energy Company	32980201
UYC-050	MP-7	6/14/02	400	137	7.00	6.58	16.7	5.2		2.09		0.42	2.47	35.5			Ridge Energy Company	32980201
UYC-050	MP-7	9/17/02	3	448	6.50	7.16	63.2	6.8		0.73		1.11	1.09	102.4			Ridge Energy Company	32980201
UYC-051	MP-6	1/3/98	188	80	6.70	6.93	11.0	5.0		0.33		0.03	0.36	17.7			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	2/2/98	345	113	7.00	6.80	10.0	8.0		0.07		0.02	0.12	16.5			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	3/2/98	252	75	6.80	6.65	12.0	4.0		0.24		0.02	0.53	23.7			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	4/1/98	87	86	6.60	6.83	9.0	7.0		0.40		0.05	0.52	18.2			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	5/2/98	53	91	6.80	6.79	15.0	7.0		0.14		0.04	0.39	16.5			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	6/1/98	40	84	6.50	6.87	11.0	5.0		0.24		0.03	0.21	19.5			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	9/28/98	6	135	7.20	7.71	40.0	6.0		0.65		0.90	0.69	45.8			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	12/26/98	4	92	6.80	7.02	12.0	6.0		0.42		0.06	0.28	31.4			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	3/27/99	130	102	6.60	6.79	8.0			0.08		0.01	0.13	17.5			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	6/26/99	13	210	7.40	7.65	68.0			0.46		0.08	0.62	23.5			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	9/18/99	10	305	7.50	7.83	76.0			1.45		0.22	0.13	45.8			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	12/29/99	80	108	6.80	6.67	16.0			0.48		0.04	0.37	21.5			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	3/30/00	130	103	6.50	6.73	10.0			0.06		0.01	0.02	15.2			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	6/23/00	25	97	7.20	7.06	14.0			0.57		0.05	0.73	17.7			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	9/30/00	35	103	6.30	6.50	14.0			0.84		0.11	0.31	22.6			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	12/29/00		124	7.00	7.15	17.0			0.70		0.19	0.70	18.2			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	3/23/01	140	106	6.50	6.20	7.0			0.09		0.03	0.13	17.8			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	6/29/01	8	150	7.00	7.13	18.0			1.48		0.06	0.37	18.1			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	9/29/01		141	7.00	7.00	36.0			0.36		0.02	0.38	24.0			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	12/22/01	25	130	6.50	6.60	12.0			0.12		0.01	0.06	38.0			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	3/28/02	87	116	6.50	6.60	14.0			0.43		0.02	0.31	13.0			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	6/29/02	7	131	6.50	7.30	38.0			0.93		0.03	0.55	14.0			Alverda Enterprises, Inc.	32980112
UYC-051	MP-6	9/12/02	5	341	7.40	7.80	104.0			1.00		0.19		32.0			Alverda Enterprises, Inc.	32980112
UYC-052	MP-7	1/3/98	225	830	6.60	6.85	16.0	-2.0		0.39		0.11	0.50	34.3			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	2/2/98	168	200	7.00	6.90	18.0	-1.0		0.06		0.11	0.14	36.8			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	3/2/98	178	144	6.60	6.82	14.0	-1.0		0.33		0.14	0.40	27.3			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	4/1/98	102	200	6.80	7.01	20.0	-2.0		0.31		0.12	0.35	39.1			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	5/2/98	73	350	6.50	6.84	16.0	-1.0		0.21		0.15	0.27	40.0			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	6/1/98	59	280	6.70	6.91	17.0	-1.0		0.10		0.14	0.18	32.1			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	9/28/98	2	300	7.00	7.36	36.0	-26.0		0.37		0.13	0.72	59.3			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	12/26/98	3	270	6.80	6.91	22.0	-14.0		0.26		0.20	0.54	42.0			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	3/27/99	125	170	6.80	7.00	16.0			0.25		0.11	0.23	32.3			Alverda Enterprises, Inc.	32980103

**Blacklick Creek Watershed Assessment / Restoration Plan**  
**Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UYC-052	MP-7	6/26/99	15	242	6.70	6.98	64.0			0.64		0.37	0.47	35.5			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	9/18/99	15	330	7.20	7.48	60.0			0.38		0.20	0.12	76.5			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	12/29/99	65	200	6.70	6.60	18.0			0.76		0.56	0.12	25.4			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	3/30/00	125	222	6.50	6.90	16.0			0.37		0.14	0.30	42.8			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	6/23/00	135	215	7.30	6.99	22.0			0.42		0.23	0.48	14.1			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	9/30/00	70	220	7.00	7.02	34.0			1.16		0.21	0.58	43.5			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	12/29/00		220	7.00	7.02	29.0			0.76		0.24	0.35	26.3			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	3/23/01	190	190	6.50	6.23	14.0			0.11		0.17	0.20	32.0			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	6/29/01	40	300	7.50	7.23	32.0			0.23		0.17	0.31	78.4			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	9/29/01		480	7.50	7.30	48.0			0.10		0.21	0.04	30.0			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	12/22/01	50	219	7.00	6.80	20.0			0.22		0.31	0.24	68.0			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	3/28/02	150	196	7.00	6.70	18.0			0.22		0.23	0.38	44.0			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	6/29/02	22	174	7.50	7.60	54.0			0.32		0.12	0.14	17.0			Alverda Enterprises, Inc.	32980103
UYC-052	MP-7	9/12/02	1	288	7.50	7.50	84.0			1.36		0.44		32.0			Alverda Enterprises, Inc.	32980103
UYC-053	MP-11	1/3/98	3	215	6.60	6.98	64.0	-44.0		0.87		0.68		28.4			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	2/2/98	2	148	6.90	7.46	48.0	-34.0		0.43		0.34	0.24	18.0			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	11/28/98	2	425	7.00	7.66	94.0	-84.0		0.72		0.46	0.39	81.9			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	12/28/98	1	380	6.80	7.14	84.0			0.54		0.29	0.41	42.3			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	1/16/99	2	230	6.70	6.80	56.0			0.61		0.44	0.36	56.4			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	2/15/99	3	290	6.50	6.87	70.0			0.46		0.61	0.60	41.3			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	3/30/00	10	240	7.00	7.14	68.0			1.20		0.34	0.13	30.3			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	6/23/00	5	211	7.40	7.43	68.0			0.42		0.39	0.16	13.8			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	9/30/00	3	375	7.60	7.46	96.0			1.72		0.63	0.99	47.3			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	12/29/00	3	320	7.50	7.63	89.0			0.30		0.23	0.11	46.1			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	3/23/01	2	180	7.00	7.31	70.0			0.24		0.21	0.15	31.9			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	6/29/01	3	233	7.00	7.53	81.0			0.38		0.53	0.20	30.3			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	9/29/01	2	480	7.50	7.70	120.0			0.21		0.41	0.07	61.0			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	12/22/01	2	475	7.50	7.60	118.0			0.36		0.52	0.04	84.0			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	3/28/02	3	294	7.50	7.40	76.0			1.08		0.68	0.47	38.0			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	6/29/02	3	205	7.50	7.70	70.0			0.20		0.23	0.06	20.0			Alverda Enterprises, Inc.	32980112
UYC-053	MP-11	9/12/02	5	360	6.70	7.90	114.0			0.31		0.38		44.0			Alverda Enterprises, Inc.	32980112
UYC-054	MP-2	8/20/98		119	7.00	6.69	22.5	5.3		4.43		1.27	0.37	10.8			Ridge Energy Company	32980201
UYC-054	MP-2	9/29/98	1	193	7.00	6.34	13.8	5.5		1.87		0.56	0.25	39.6			Ridge Energy Company	32980201
UYC-054	MP-2	10/24/98	1	160	5.50	6.01	15.8	9.6		2.52		0.99	0.24	29.1			Ridge Energy Company	32980201
UYC-054	MP-2	11/11/98	20	194	6.00	6.04	9.0	4.1		0.24		0.47	<0.10	39.2			Ridge Energy Company	32980201
UYC-054	MP-2	12/22/98	110	79	7.00	5.42	1.6	5.1		0.29		0.20	0.36	17.6			Ridge Energy Company	32980201
UYC-054	MP-2	1/29/99	88	110	6.00	6.08	4.3	3.1		0.10		0.04	<0.10	21.9			Ridge Energy Company	32980201
UYC-054	MP-2	2/15/99	35	154	6.00	6.02	6.6	2.9		0.15		0.06	<0.10	28.0			Ridge Energy Company	32980201
UYC-054	MP-2	7/22/99	0														Ridge Energy Company	32980201
UYC-054	MP-2	10/4/99	3	287	6.50	6.60	20.3	3.9		0.55		0.26	0.27	65.4			Ridge Energy Company	32980201
UYC-054	MP-2	1/4/00	165	96	6.00	5.74	4.5	4.9		2.06		0.19	0.96	21.9			Ridge Energy Company	32980201
UYC-054	MP-2	5/30/00		86	6.00	6.06	5.6	2.3		0.24		0.10	0.60	21.4			Ridge Energy Company	32980201
UYC-054	MP-2	7/31/00	2	272	6.50	6.31	43.0	2.4		0.23		0.08	0.12	40.2			Ridge Energy Company	32980201
UYC-054	MP-2	12/11/00	20	137	6.50	6.55	16.5	6.3		0.62		0.28	0.10	18.0			Ridge Energy Company	32980201
UYC-054	MP-2	1/11/01	1	117	6.00	6.69	15.1	6.8		0.48		0.20	0.12	16.1			Ridge Energy Company	32980201
UYC-054	MP-2	5/15/01	0	114	6.50	6.63	21.4	8.0		0.50		0.24	<0.10	15.2			Ridge Energy Company	32980201
UYC-054	MP-2	8/31/01	0														Ridge Energy Company	32980201
UYC-054	MP-2	11/20/01	10	245	6.50	6.73	21.7	5.2		0.14		0.13	<0.10	49.6			Ridge Energy Company	32980201
UYC-054	MP-2	3/27/02	30	209	6.50	6.39	14.4	5.3		5.75		1.04	3.03	57.8			Ridge Energy Company	32980201

**Blacklick Creek Watershed Assessment / Restoration Plan  
Analytical Data**

Assessment / Restoration Plan ID	Field ID	Sample Date	Flow	Conductivity	Field pH	Lab pH	Alkalinity	Acidity	Hot Acidity	Total Fe	Ferrous Iron	Total Mn	Total Al	Total Sulfate	TSS	TDS	SOURCE	Permit
			(gmp)	(umhos/cm)	S.U.	S.U.	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)		
UYC-054	MP-2	6/14/02	300	54	6.50	6.04	3.7	4.7		0.51		0.13	1.73	14.4			Ridge Energy Company	32980201
UYC-054	MP-2	9/17/02	2	452	6.00	7.15	63.5	6.8		0.78		1.15	1.44	104.9			Ridge Energy Company	32980201
UYC-055	MP-12	4/25/98	125	90	6.70	6.63	10.0	6.0		0.08		0.01	0.09	15.4			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	5/30/98	20	88	7.00	6.89	16.0	-1.0		1.03		0.05	2.03	17.1			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	6/27/98	15	72	6.60	6.74	12.0	4.0		0.14		0.04	1.41	18.0			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	7/25/98	8	110	6.90	7.04	19.0	-2.0		0.09		0.10	0.14	14.3			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	3/30/00	70	113	6.50	6.60	10.0			0.03		0.01	0.01	14.9			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	6/23/00	55	92	7.00	6.78	16.0			0.34		0.04	0.32	13.8			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	9/30/00	26	155	6.50	6.87	22.0			1.39		0.06	0.28	31.5			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	12/29/00		96	6.50	6.38	10.0			0.59		0.05	0.73	17.2			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	3/23/01	130	124	6.00	6.23	8.0			0.05		0.02	0.12	18.9			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	6/29/01	11	143	6.50	6.88	14.0			0.69		0.08	1.02	18.1			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	9/29/01		222	7.00	7.30	68.0			0.38		0.79	0.92	13.0			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	12/22/01	25	130	6.50	6.60	12.0			0.10		0.01	0.06	29.0			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	3/28/02	80	117	7.00	6.70	12.0	2.0		0.33		0.02	0.03	14.0			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	6/29/02	4	138	7.00	7.20	40.0			0.72		0.13	0.36	13.0			Alverda Enterprises, Inc.	32980112
UYC-055	MP-12	9/12/02	0														Alverda Enterprises, Inc.	32980112